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Технические характеристики

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YC4D Series

Euro II Emission Standard
Domestic strengthening pump
Applicable for 7m bus

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC4DSeries	YC4D130-20	4.214	Euro II	90/2800	380/1600
	YC4D140-20		Euro II	103/2800	420/1600

YC4E Series

Euro II	Euro III	Euro IV
Domestic strengthening pump	BOSCH electronic control high-pressure common rail system	BOSCH electronic control high- pressure common rail system; with SCR post-processing
Applicable for 7-8m bus	Applicable for 7.3-8.3m coach, 7.5-8.3m bus	Applicable for 7-8m bus or coach

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC4E Series	YC4E140-20	4.26	Euro II	105/2800	430/1600
	YC4E150-20			110/2600	490/1600
	YC4E160-20			118/2600	520/1600
	YC4E140-30		Euro III	105/2500	500/≤1600
	YC4E160-30			118/2500	600/≤1600
	YC4E180-30			132/2500	630/≤1600
	YC4E140-42		Euro IV	103/2600	430/1300-1600
	YC4E160-42			118/2600	550/1300-1600

YC4F Series

Euro II
Domestic pump
Applicable for 5-6m mini bus

Type	Model	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC4FSeries	YC4F90-21	Euro II	66/3200	220/1900-2200
	YC4F100-20		75/3200	245/1900-2200
	YC4F115-20		85/3200	300/1900-2200
	YC4F90-23		65/3400	220/1900-2200

YC4FA Series

Euro III
BOSCH electronic control high- pressure common rail system
Applicable for 6m mini bus

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC4FASeries	YC4FA90-30	2.982	Euro III	66/3200	220/1600-2400
	YC4FA100-30			75/3200	270/1600-2400
	YC4FA115-30			85/3200	300/1600-2400
	YC4FA120-30			88/2300	345/1400-1800
	YC4FA130-30			95/3200	340/1600-2400

YC4G Series

Euro II	Euro III	Euro IV
Domestic strengthening pump	BOSCH electronic control high-pressure common rail system	BOSCH electronic control high- pressure common rail system; with SCR post-processing
Applicable for 7.9-8.6m rear engine bus	Applicable for 8-9m coach, 7.8-9m bus	Applicable for 8-9m coach, 7.8-9m bus

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC4G Series	YC4G170-20	5.2	Euro II	125/2300	630/1500
	YC4G180-20			132/2300	660/1500
	YC4G180-30		Euro III	132/2300	660/≤1400
	YC4G200-30			147/2200	720/≤1400
	YC4G220-30			162/2200	840/≤1400
	YC4G180-40		Euro IV	132/2300	660/1100-1600
	YC4G200-40			147/2200	720/1100-1600

YC6A Series

Euro II	Euro III	Euro IV
Domestic strengthening pump	BOSCH electronic control high- pressure common rail system	BOSCH electronic control high- pressure common rail system; with SCR post-processing
Applicable for 9-11m bus; 11m economic bus	Applicable for 10-12m bus; 9-11m coach	Applicable for 11-13.7m bus; 9-11m coach

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6A Series	YC6A240-20	7.255	Euro II	177/2300	860/1500
	YC6A260-20			191/2300	950/1500
	YC6A280-20			206/2200	1100/1500
	YC6A240-30		Euro III	177/2300	900/1400-1600
	YC6A260-30			191/2300	1000/1400-1600
	YC6A240-40		Euro IV	177/2300	900/1400-1600
	YC6A260-40			191/2300	1000/1400-1600
	YC6A270-40			199/2300	1000/1400-1600

YC6G Series

Euro II	Euro III	Euro IV
BOSCH-P7100 pump	BOSCH electronic control high- pressure common rail system	BOSCH electronic control high- pressure common rail system; with SCR post-processing
Applicable for 10, 11m bus; 9.3-12m coach	Applicable for 10-12m bus, 9-11m coach	Applicable for 11-13.7m bus, 9-11m coach

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6G Series	YC6G200-20	7.8	Euro II	147/2000	850/1300
	YC6G230-20			170/2000	950/1300
	YC6G240-20			177/2200	950/1500
	YC6G270-20			199/2200	1080/1500
	YC6G300-20			221/2200	1150/1500
	YC6G240-30		Euro III	177/2200	950/1200-1600
	YC6G270-30			199/2200	1080/1200-1600
	YC6G240-40		Euro IV	177/2200	950/1400-1600
	YC6G270-40			199/2200	1080/1200-1600

YC6J Series

Euro II	Euro III	Euro IV	Euro V
Domestic strengthening pump	BOSCH electronic control high-pressure common rail system	BOSCH electronic control high-pressure common rail system; with SCR post-processing	BOSCH electronic control high-pressure common rail system; with SCR post-processing
Applicable for 8.4-10m rear engine bus	Applicable for 8.5-11m bus	Applicable for 8.5-11m bus	Applicable for 8.5-10.5m coach, bus; 9-10m school bus

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6J Series	YC6J190-20	6.494	Euro II	140/2500	630/1600
	YC6J210-20			155/2500	710/1600
	YC6J230-21			170/2500	800/1600
	YC6J180-30		Euro III	132/2500	650/1200-1700
	YC6J190-30			140/2500	700/1200-1700
	YC6J200-30			147/2500	730/1200-1700
	YC6J220-30			162/2500	800/1200-1700
	YC6J230-30			170/2500	850/1200-1700
	YC6J245-30			180/2500	890/1200-1700
	YC6J180-42		Euro IV	132/2500	660/1200-1700
	YC6J200-42			147/2500	730/1200-1700
	YC6J220-42			162/2500	800/1200-1700
	YC6J245-42			180/2500	890/1200-1700
	YC6J180-50		Euro V	132/2500	650/1200-1700
	YC6J200-50			147/2500	730/1200-1700
	YC6J220-50			162/2500	800/1200-1700
	YC6J245-50			180/2500	890/1200-1700

YC6L Series

Euro II	Euro III	Euro IV	Euro V
BOSCH-P7100 pump	BOSCH electronic control high-pressure common rail system	BOSCH electronic control high-pressure common rail system; with SCR post-processing	BOSCH electronic control high-pressure common rail system; with SCR post-processing
Applicable for 10-12m coach	Applicable for 11-13.7m road, tourism, public, double deck bus, BRT coach	Applicable for 11-12m road, tourism, public, double deck bus, BRT coach	Applicable for 11.5-12m bus; 11-12m tourism, group coach; 11-12 coach

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6L Series	YC6L260-20	8.424	Euro II	191/2200	1030/1400
	YC6L280-20			206/2200	1100/1400
	YC6L310-20			228/2200	1150/1500
	YC6L330-20			243/2200	1250/1500
	YC6L240-32		Euro III	177/2200	950/1200-1600
	YC6L260-30			191/2200	1030/1200-1600
	YC6L280-30			206/2200	1100/1200-1600
	YC6L310-30			228/2200	1150/1200-1600
	YC6L330-30			243/2200	1280/1200-1600
	YC6L240-42		Euro IV	177/2200	950/1200-1600
	YC6L260-42			191/2200	1030/1200-1600
	YC6L280-42			206/2200	1100/1200-1600
	YC6L310-42			228/2200	1150/12100-1600
	YC6L330-42			243/2200	1280/1300-1600
	YC6L240-50		Euro V	177/2200	950/1200-1700
	YC6L260-50			191/2200	1030/1200-1700
	YC6L280-50			206/2200	1100/1200-1700
	YC6L310-50			228/2200	1150/1200-1700
	YC6L330-50			243/2200	1280/1200-1700

YC6MK Series

Euro III	Euro IV
BOSCH electronic control high- pressure common rail system	BOSCH electronic control high-pressure common rail system; with SCR post-processing
Applicable for big road, tourism, BRT coach over 12m	Applicable for big road, tourism coach over 12m

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6MK Series	YC6MK340-30	10.338	Euro III	250/1900	1550/1100-1500
	YC6MK380-30			276/1900	1650/1100-1500
	YC6MK400-30			294/1900	1800/1100-1500
	YC6MK340-40		Euro IV	250/1900	1500/1100-1500
	YC6MK350-40			258/1900	1600/1100-1500
	YC6MK375-40			276/1900	1700/1100-1500
	YC6MK385-40			285/1900	1800/1100-1500
	YC6MK400-40			294/1900	1900/1100-1500

СУДОВЫЕ ДВИГАТЕЛИ

YC4D Серия

- Улучшенные характеристики камеры сгорания и завихрение при всасывании воздуха способствуют экономии топлива
- Собственная технология уплотнения поршневых колец и маслосъемных колпачков снижает расход смазочного масла
- Компактный размер облегчает установку, обслуживание и ремонт
- Низкая вибрация и шум, минимальный объем выброса.
- Межремонтный период составляет более 10000 часов
- Хорошо подходит малогабаритным грузовым и рыболовным судам

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4108C	Дизельный	40
	YC4108CA	Дизельный	32
	YC4108ZC	Дизельный	50
	YC4D100Z-C20	Дизельный	75
	YC4D120Z-C20	Дизельный	90
	YC4D55C	Дизельный	45
	YC4D75C	Дизельный	55
	YC4D80-C20	Дизельный	58
	YC4D80-T20	Дизельный	58

YC4F Серия

- Собственная технология уплотнения поршневых колец и маслосъемных колпачков снижает расход смазочного масла
- Высокая топливная экономичность и низкая стоимость обслуживания
- Компактный размер облегчает установку, техническое обслуживание и ремонт
- Низкая вибрация и шум, минимальный объем выброса.
- Межремонтный период составляет более 10000 часов

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4F100-C20	Дизельный	73
	YC4F115C-31	Дизельный	85
	YC4F90L-C20	Дизельный	63

YC6B Серия

- W-типная камера сгорания максимально снижает расход топлива
- Собственная технология уплотнения поршневых колец и маслосъемных колпачков снижает расход смазочного масла
- Высокая топливная экономичность и низкая стоимость обслуживания
- Компактный размер облегчает установку, техническое обслуживание и ремонт
- Низкая вибрация и шум, минимальный объем выброса.
- Подходит для малогабаритных грузовых и рыболовных судов
- Межремонтный период составляет более 10000 часов

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6108CA1	Дизельный	82
	YC6108ZLCA	Дизельный	90
	YC6B100-C20	Дизельный	74
	YC6B150C	Дизельный	110
	YC6B165C	Дизельный	120

YC6A Серия

- W-типная камера сгорания максимально снижает расход топлива
- Собственная технология уплотнения поршневых колец и маслосъемных колпачков снижает расход смазочного масла
- Высокая топливная экономичность и низкая стоимость обслуживания
- Компактный размер облегчает установку, техническое обслуживание и ремонт
- Низкая вибрация и шум, минимальный объем выброса.
- Межремонтный период составляет более 10000 часов

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6108ZLCB	Дизельный	112
	YC6A170C	Дизельный	125
	YC6A190C	Дизельный	140
	YC6A195C	Дизельный	145
	YC6A220C	Дизельный	162

YC6MK Серия

- Запатентованная технология коленчетоваго вала и шестерни эффективно снижает уровень шума.
- Структура влажной гильзы цилиндра облегчает техническое обслуживание и ремонт
- Топливный насос P7100 и турбокомпрессор Honeywell повышает эффективность расхода топливо
- Коленчатый вал изготовлен из кованой стали 42CrMo повышает износостойкость изделия
- Собственная технология уплотнения поршневых колец и маслосъемных колпачков снижает расход смазочного масла
- Высокая топливная экономичность и низкая стоимость обслуживания

- Водяное охлаждение выхлопной трубы повышает экологичность и понижает показатель выброса в окружающую среду
- Низкая вибрация и шум, минимальный объем выброса.
- Межремонтный период составляет более 12000 часов

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6MK240L-C20	Дизельный	176
	YC6MK240L-C23	Дизельный	176
	YC6MK260L-C20	Дизельный	192
	YC6MK280L-C20	Дизельный	206
	YC6MK300C	Дизельный	220
	YC6MK300L-C20	Дизельный	219
	YC6MK320C	Дизельный	235
	YC6MK330C	Дизельный	242
	YC6MK350L-C20	Дизельный	257

YC6T Серия

- Успешно прошел испытания 20000 часов при высоких перепадов температур
- Основные компоненты изготавливаются в собственном литейном цехе, что дает высокое качество готовой продукции.
- Двигатель укомплектованный блоком из легированной стали и коленвалом из кованой стали повышает прочность конечного изделия
- Улучшенная система охлаждения поршня, защищает от перегрева и уменьшает расход масла
- 4-клапанная инновационная форсунка обеспечивает лучшее сгорание, низкий уровень шума и выбросов, возможность быстрого старта
- Выхлопная труба жидкостного охлаждения снижает температуру двигателя
- Имеет два метода запуска(электрический и пневматический)

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6T300C	Дизельный	220
	YC6T330C	Дизельный	242
	YC6T350C	Дизельный	257
	YC6T375C	Дизельный	275
	YC6T380C	Дизельный	279
	YC6T390C	Дизельный	287
	YC6T400C	Дизельный	294
	YC6T410C	Дизельный	300

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6T420C	Дизельный	308
	YC6T450C	Дизельный	330
	YC6T480C	Дизельный	352
	YC6T510C	Дизельный	375
	YC6T540C	Дизельный	396

YC6CD Серия

- Усовершенственная технология 4 клапанов обеспечивает высокую эффективность
- Высококачественный интеркуллер и турбокомпрессор
- Большая мощность и крутящий момент при низкой скорости
- Большой срок службы каждой сменной детали двигателя
- Низкий уровень шума и малые габариты
- Низкая вибрация, минимальный объем выброса.
- Низкие эксплуатационные расходы

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6CD600L-C20	Дизельный	440
	YC6CD700L-C20	Дизельный	515
	YC6CD750L-C20	Дизельный	550

YC6C Серия

- Усовершенствованная технология 4 клапанов обеспечивает высокую эффективность
- Высококачественный интеркулер и турбокомпрессор
- Большая мощность и крутящий момент при низкой скорости
- Большой срок службы каждой сменной детали двигателя
- Низкий уровень шума и малые габариты
- Низкая вибрация, минимальный объем выброса.
- Низкие эксплуатационные расходы
- Компактный размер облегчает установку, техническое обслуживание и ремонт

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6C530L-C20	Дизельный	390
	YC6C620L-C20	Дизельный	455
	YC6C650L-C20	Дизельный	478
	YC6C670L-C20	Дизельный	492
	YC6C730L-C20	Дизельный	536
	YC6C820L-C20	Дизельный	603

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6C865L-C20	Дизельный	636
	YC6C925L-C20	Дизельный	680
	YC6C960L-C20	Дизельный	706

YC6TD Серия

- Улучшенные характеристики камеры сгорания и завихрение при всасывании воздуха способствуют экономии топлива
- Собственная технология уплотнения поршневых колец и маслосъемных колпачков снижает расход смазочного масла
- Высокая топливная экономичность и низкая стоимость обслуживания
- Компактный размер облегчает установку, обслуживание и ремонт
- Низкая вибрация и шум, минимальный объем выброса.
- Межремонтный период составляет более 20000 часов

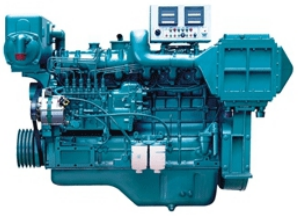
Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6TD600L-C20	Дизельный	441
	YC6TD650L-C20	Дизельный	478

YC6M Серия

- Запатентованная технология коленчетоваго вала и шестерни эффективно снижает уровень шума.
- У двигателей лучшие показатели, такие как среднее эффективное давление на литровую мощность.
- Собственная технология уплотнения поршневых колец и маслосъёмных колпачков снижает расход смазочного масла.
- Коленчатый вал изготовлен из кованой стали 42CrMo повышает износостойкость изделия.
- Межремонтный период составляет более 12000 часов.

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6M220C	Дизельный	162
	YC6M240C	Дизельный	176
	YC6M260C	Дизельный	192
	YC6M270C	Дизельный	199
	YC6M280C	Дизельный	205
	YC6M295C	Дизельный	216
	YC6M300C	Дизельный	219
	YC6M320C	Дизельный	234

YC6J Серия



- W-типная камера сгорания максимально снижает расход топлива
- Собственная технология уплотнения поршневых колец и маслосъемных колпачков снижает расход смазочного масла
- Высокая топливная экономичность и низкая стоимость обслуживания
- Компактный размер облегчает установку, техническое обслуживание и ремонт
- Низкая вибрация и шум, минимальный объем выброса.
- Подходит для малогабаритных грузовых и рыболовных судов
- Межремонтный период составляет более 10000 часов

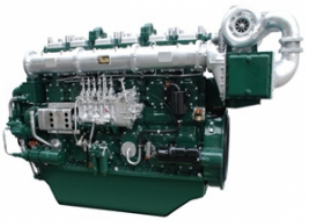
Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6105CA	Дизельный	53
	YC6105CA1	Дизельный	66

YC6MJ Серия

- Запатентованная технология коленчетоваго вала и шестерни эффективно снижает уровень шума.
- Структура влажной гильзы цилиндра облегчает техническое обслуживание и ремонт
- Топливный насос P7100 и турбокомпрессор Honeywell повышает эффективность расхода топливо
- Коленчатый вал изготовлен из кованой стали 42CrMo повышает износостойкость изделия
- Собственная технология уплотнения поршневых колец и маслосъемных колпачков снижает расход смазочного масла
- Высокая топливная экономичность и низкая стоимость обслуживания
- Водяное охлаждение выхлопной трубы повышает экологичность и понижает показатель выброса в окружающую среду
- Низкая вибрация и шум, минимальный объем выброса.
- Межремонтный период составляет более 12000 часов

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6MJ365L-C20	Дизельный	267
	YC6MJ410L-C20	Дизельный	300
	YC6MJ450L-C20	Дизельный	330

YC6CL Серия



- Усовершенственная технология 4 клапанов обеспечивает высокую эффективность
- Высококачественный интеркуллер и турбокомпрессор
- Большая мощность и крутящий момент при низкой скорости
- Большой срок службы каждой сменной детали двигателя
- Низкий уровень шума и малые габариты
- Низкая вибрация, минимальный объем выброса.
- Низкие эксплуатационные расходы

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6CL1200L-C20	Дизельный	882
	YC6CL745L-C20	Дизельный	550
	YC6CL770L-C20	Дизельный	570

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6CL920L-C20	Дизельный	680
	YC6CL960L-C20	Дизельный	706

YC6CNL Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6C480NL-C20	Газовый	352
	YC6C530NL-C20	Газовый	390
	YC6C600NL-C20	Газовый	441
	YC6C620NL-C20	Газовый	455
	YC6C650NL-C20	Газовый	478
	YC6C670NL-C20	Газовый	492
	YC6C730NL-C20	Газовый	536
	YC6C820NL-C20	Газовый	603
	YC6C865NL-C20	Газовый	636
	YC6C925NL-C20	Газовый	680
	YC6MK200NL-C20	Газовый	147
	YC6MK220NL-C20	Газовый	161
	YC6MK260NL-C20	Газовый	191

YC8CL серия

пропульсивные, генераторные судовые двигателя.

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC8CL1400L-C20	пропульсивный главный двигатель	1029
	YC8CL1600L-C20	пропульсивный главный двигатель	1176
	YC8CL1630L-C20	генераторный двигатель	1200

ДВИГАТЕЛИ ДЛЯ АВТОБУСОВ

YC4F Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4F100-30	Дизельный	75
	YC4F115-30	Дизельный	85
	YC4F90-30	Дизельный	66

YC4FA Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4FA100-30	Дизельный	75
	YC4FA115-30	Дизельный	85
	YC4FA120-30	Дизельный	88
	YC4FA130-30	Дизельный	95

YC4S Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4S120-48	Газовый	88

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4S140-48	Газовый	103
	YC4S150-48	Газовый	110

YC4D Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4D120-30	Дизельный	90
	YC4D120-41	Дизельный	90
	YC4D120-45	Дизельный	90
	YC4D130-30	Дизельный	96
	YC4D130-41	Дизельный	96
	YC4D130-45	Дизельный	96
	YC4D140-30	Дизельный	103
	YC4D140-41	Дизельный	103
	YC4D140-45	Дизельный	103

YC4E Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4E140-30	Дизельный	105
	YC4E140-32	Дизельный	103
	YC4E140-42	Дизельный	103

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4E160-30	Дизельный	118
	YC4E160-42	Дизельный	118
	YC4E180-30	Дизельный	132

YC4EG Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4EG140-40	Дизельный	105
	YC4EG140-50	Дизельный	103
	YC4EG160-40	Дизельный	118
	YC4EG160-50	Дизельный	118
	YC4EG180-40	Дизельный	132
	YC4EG185-50	Дизельный	132

YC4G Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4G180-30	Дизельный	132
	YC4G180-40	Дизельный	132
	YC4G180-50	Дизельный	132
	YC4G200-30	Дизельный	147
	YC4G200-40	Дизельный	147

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4G200-50	Дизельный	147
	YC4G220-30	Дизельный	162
	YC4G220-40	Дизельный	162
	YC4G220-50	Дизельный	162

YC6J Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6J180-30	Дизельный	132
	YC6J180-42	Дизельный	132
	YC6J180-50	Дизельный	132
	YC6J190-30	Дизельный	140
	YC6J200-30	Дизельный	147
	YC6J200-42	Дизельный	147
	YC6J200-50	Дизельный	147
	YC6J220-30	Дизельный	162
	YC6J220-42	Дизельный	162
	YC6J220-50	Дизельный	162
	YC6J230-30	Дизельный	170
	YC6J230-50	Дизельный	170
	YC6J245-30	Дизельный	180
	YC6J245-42	Дизельный	180
	YC6J245-50	Дизельный	180

YC6A Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6A240-30	Дизельный	177
	YC6A240-40	Дизельный	177
	YC6A260-30	Дизельный	191
	YC6A260-40	Дизельный	191
	YC6A270-40	Дизельный	199

YC6G Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6G230N-40	Дизельный	170
	YC6G240-30	Дизельный	177
	YC6G260N-40	Дизельный	191
	YC6G270-30	Дизельный	199

YC6L Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6L240-42	Дизельный	177

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6L240-50	Дизельный	177
	YC6L260-42	Дизельный	191
	YC6L260-50	Дизельный	191
	YC6L280-42	Дизельный	206
	YC6L310-42	Дизельный	228
	YC6L310-50	Дизельный	228
	YC6L330-42	Дизельный	243
	YC6L330-50	Дизельный	243

YC6MK Серия

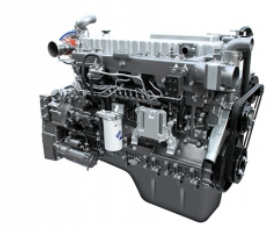


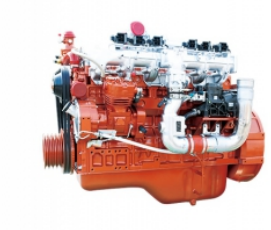
Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6MK340-40	Дизельный	250
	YC6MK340-50	Дизельный	250
	YC6MK375-40	Дизельный	276
	YC6MK375-50	Дизельный	276
	YC6MK400-40	Дизельный	294
	YC6MK400-50	Дизельный	294

YC4DN Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4D120N-50	Дизельный	88
	YC4D140N-50	Дизельный	103

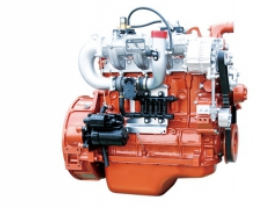
YC6JN Серия



- Разработан по технологии ECI (Econtrols) платформы, чтобы обеспечить гибкое решение для питания городских и междугородных автобусов, они разделяют основные компоненты и детали с дизельными версиями, в то время унаследовав все супер преимущества.
- Качественные импортные электронные системы подачи газа, системы зажигания и системы управления двигателем комплекты.
- Платиновый электрод свечи зажигания - даёт наиболее эффективное сгорание и продливает срок службы.
- Специально выстроенная система входа & выхлопного, топливная система разработана и настроена для газового двигателя.
- Датчик кислорода - добивается точного контроля за соотношением воздух/ топливо, обеспечивая лучшую экономию топлива и позволяет существенно сократить выбросы.
- Замкнутая система управления - Достичь замкнутого цикла производительности в широком диапазоне и функция самодиагностики.
- Интеллектуальная электронная система управления - полная функциональность.
- Плавное сгорание - даёт вам лучший комфорт при низком уровне шума и вибрации.
- Oxidation catalyst- Easily meeting Euro 3 levels of performance,
  and be able to move to Euro 4, Euro 5.
- Высоко человека-направленная и легко заменимая конструкция облегчает обслуживания.

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6J150N-30	Дизельный	110
	YC6J170N-30	Дизельный	125
	YC6J190N-30	Дизельный	140
	YC6J190N-52	Газовый	140
	YC6J210N-30	Дизельный	155
	YC6J210N-52	Газовый	155
	YC6J225N-52	Газовый	166

YC6GN Серия



- Разработан по технологии ECI (Econtrols) платформы, чтобы обеспечить гибкое решение для питания городских и междугородных автобусов, они разделяют основные компоненты и детали с дизельными версиями, в то время унаследовав все супер преимущества.
- Качественные импортные электронные системы подачи газа, системы зажигания и системы управления двигателем комплекты.
- Платиновый электрод свечи зажигания - даёт наиболее эффективное сгорание и продливает срок службы.
- Специально выстроенная система входа & выхлопного, топливная система разработана и настроена для газового двигателя.
- Датчик кислорода - добивается точного контроля за соотношением воздух/ топливо, обеспечивая лучшую экономию топлива и позволяет существенно сократить выбросы.
- Замкнутая система управления - Достичь замкнутого цикла производительности в широком диапазоне и функция самодиагностики.
- Интеллектуальная электронная система управления - полная функциональность.
- Плавное сгорание - даёт вам лучший комфорт при низком уровне шума и вибрации.

- Oxidation catalyst- Easily meeting Euro 3 levels of performance, and be able to move to Euro 4, Euro 5.
- Высоко человека-направленная и легко заменимая конструкция облегчает обслуживания.

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4G180N-30	Газовый	132
	YC4G180N-40	Газовый	132
	YC4G190N-50	Газовый	140
	YC6G230N-50	Газовый	184
	YC6G250N-50	Газовый	184
	YC6G260N-50	Газовый	191

YC6LN Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6L240N-52	Газовый	177
	YC6L260N-52	Газовый	191
	YC6L280N-52	Газовый	206

YC6MKN Серия

- Разработан по технологии ECI (Econtrols) платформы, чтобы обеспечить гибкое решение для питания городских и междугородных автобусов, они разделяют основные компоненты и детали с дизельными версиями, в то время унаследовав все супер преимущества.
- Качественные импортные электронные системы подачи газа, системы зажигания и системы управления двигателем комплекты.
- Платиновый электрод свечи зажигания - даёт наиболее эффективное сгорание и продливает срок службы.
- Специально выстроенная система входа & выхлопного, топливная система разработана и настроена для газового двигателя.
- Датчик кислорода - добивается точного контроля за соотношением воздух/ топливо, обеспечивая лучшую экономию топлива и позволяет существенно сократить выбросы.
- Замкнутая система управления - Достичь замкнутого цикла производительности в широком диапазоне и функция самодиагностики.
- Интеллектуальная электронная система управления - полная функциональность.
- Плавное сгорание - даёт вам лучший комфорт при низком уровне шума и вибрации.
- Oxidation catalyst- Easily meeting Euro 3 levels of performance, and be able to move to Euro 4, Euro 5.
- Высоко человека-направленная и легко заменимая конструкция облегчает обслуживания.

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6MK280N-50	Газовый	206
	YC6MK300N-50	Дизельный	221
	YC6MK320N-50	Дизельный	236
	YC6MK340N-50	Дизельный	250
	YC6MK375N-50	Дизельный	276

YC6KN Серия

- Разработан по технологии ECI (Econtrols) платформы, чтобы обеспечить гибкое решение для питания городских и междугородных автобусов, они разделяют основные компоненты и детали с дизельными версиями, в то время унаследовав все супер преимущества.
- Качественные импортные электронные системы подачи газа, системы зажигания и системы управления двигателем комплекты.
- Платиновый электрод свечи зажигания - даёт наиболее эффективное сгорание и продливает срок службы.
- Специально выстроенная система входа & выхлопного, топливная система разработана и настроена для газового двигателя.
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- Замкнутая система управления - Достичь замкнутого цикла производительности в широком диапазоне и функция самодиагностики.
- Интеллектуальная электронная система управления - полная функциональность.
- Плавное сгорание - даёт вам лучший комфорт при низком уровне шума и вибрации.
- Oxidation catalyst- Easily meeting Euro 3 levels of performance,
and be able to move to Euro 4, Euro 5.
- Высоко человека-направленная и легко заменимая конструкция облегчает обслуживания.

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6K380N-50	Газовый	280
	YC6K400N-50	Газовый	294
	YC6K420N-50	Газовый	309
	YC6K440N-50	Газовый	324

ДВИГАТЕЛИ ДЛЯ ГРУЗОВЫХ АВТОМОБИЛЕЙ

YC6K Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6K570-D30	Дизельный	389

YC6L Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6L350-42	Дизельный	257

YC4EG Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4EG140-40	Дизельный	105
	YC4EG160-40	Дизельный	118
	YC4EG180-40	Дизельный	132
	YC4EG200-40	Дизельный	147

YC4D Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4D120-41	Дизельный	90
	YC4D120-45	Дизельный	90
	YC4D130-41	Дизельный	96
	YC4D130-41	Дизельный	96
	YC4D130-45	Дизельный	96
	YC4D140-41	Дизельный	103
	YC4D140-45	Дизельный	103

YC4S Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4S120-48	Дизельный	88
	YC4S140-48	Дизельный	103
	YC4S150-408	Дизельный	110
	YC4S160-48	Дизельный	118
	YC4S170-48	Дизельный	125

YC4FA Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4FA100-40	Дизельный	75
	YC4FA115-40	Дизельный	85
	YC4FA120-40	Дизельный	88
	YC4FA130-40	Дизельный	95
	YC4FA90-40	Дизельный	66

YC6KN Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6K1342N-50	Газовый	300

ДВИГАТЕЛИ ДЛЯ СТРОИТЕЛЬНОЙ ТЕХНИКИ

YC6A Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6A170Z-T20	Дизельный	115
	YC6A180L-T20	Дизельный	133
	YC6A180Z-T20	Дизельный	130
	YC6A200L-T20	Дизельный	148

YC6B Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6B120-T10	Дизельный	85
	YC6B125-T10	Дизельный	92
	YC6B135Z-T20	Дизельный	105
	YC6B150Z-K20	Дизельный	110
	YC6B150Z-T20	Дизельный	110

YC6J Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6J125Z-T20	Дизельный	92
	YC6J145Z-T20	Дизельный	105

YC4D Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4D80-K20	Дизельный	58
	YC4D80-T20	Дизельный	58

YC6018G Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6108G	Дизельный	92

YC4F Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4F45-T20	Дизельный	33
	YC4F55-T20	Дизельный	40
	YC4F60Z-T20	Дизельный	43
	YC4F70Z-T20	Дизельный	48

ДВИГАТЕЛИ ДЛЯ СЕЛЬСКОХОЗЯЙСТВЕННОЙ ТЕХНИКИ

YC4D Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4D105-D31	Дизельный	70
	YC4D115-D31	Дизельный	77
	YC4D75-D31	Дизельный	50
	YC4D90-D31	Дизельный	60

YC4F Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4F65Z-T20	Дизельный	45
	YC4F70Z-T20	Дизельный	48

YC6J Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6J155L-T20	Дизельный	110
	YC6J165L-T20	Дизельный	114
	YC6J175L-T20	Дизельный	118
	YC6J185L-T20	Дизельный	121

YC6B Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6B125-T21	Дизельный	81
	YC6B125-T22	Дизельный	90
	YC6B145Z-T20	Дизельный	107
	YC6B170Z-T20	Дизельный	125

YC6A Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC6A175Z-T20	Дизельный	128
	YC6A180Z-T21	Дизельный	132
	YC6A220L-T20	Дизельный	162
	YC6A230L-T20	Дизельный	169
	YC6A260L-T20	Дизельный	191

YC4A Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4A100-T20	Дизельный	69
	YC4A110Z-T20	Дизельный	81
	YC4A140-D31	Дизельный	95
	YC4A155-D31	Дизельный	103
	YC4A180-D31	Дизельный	120
	YC4A85-T20	Дизельный	62
	YC4A90-T20	Дизельный	66

YC4B Серия

Фото	Модель	Тип двигателя	Мощность двигателя (кВт)
	YC4B105Z-T20	Дизельный	74
	YC4B90Z-T20	Дизельный	66

YC4D Series

Euro I, Euro II
Domestic Pump
Applicable for agricultural vehicles or light duty truck (GVW6-8T)

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC4DSeries	YC4D120-10	4.214	Euro I	75/300	268/1900-2200
	YC4D120-10	4.214	Euro I	90/2800	348/1600-1900
	YC4D130-10	4.214	Euro II	96/2800	380/1700-2000

YC4E Series

Euro II	Euro III	Euro IV
Domestic strengthening pump	BOSCH electronic control high-pressure common rail system	BOSCH electronic control high- pressure common rail system; with SCR post-processing
Applicable for Truck (GVW8-10T)	Applicable for light duty truck and engineer vehicles	Applicable for 4×2 dumper; 4×2; 6×2 transporters

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC4ESeries	YC4E140-20	4.26	Euro II	105/2800	430/1400-1800
	YC4E150-20			110/2600	430/1400-1600
	YC4E140-32		Euro III	103/2600	430/≤1600
	YC4E140-30			105/2500	500/≤1600
	YC4E160-30			118/2500	600/≤1600
	YC4E140-42		Euro IV	103/2600	420/1300-1600
	YC4E140-42			103/2600	500/1300-1600
	YC4E160-42			118/2600	550/1300-1600

YC4FA Series

Euro III Emission Standard
BOSCH electronic control high- pressure common rail system
Applicable for LDT with GVW 3.5-6T

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC4FASeries	YC4FA90-30	2.982	Euro III	66/3200	220/1600-2400
	YC4FA100-30		Euro III	75/3200	270/1600-2400
	YC4FA115-30		Euro III	85/3200	300/1600-2400
	YC4FA120-30		Euro III	88/2800	345/1400-1800

YC6A Series

Euro II	Euro III	Euro IV
Domestic Pump	BOSCH electronic control high-pressure common rail system	BOSCH electronic control high- pressure common rail system; with SCR post-processing
Applicable for HDT (GVW20-30T)	Applicable for quasi HDT with GVW8-14T or engineer vehicles	6×2, 6×4 dumper, 8×4 road duper; 6×2, 8×4 stake truck; 6×2, 6×4, 8×2 transporter, medium dumper

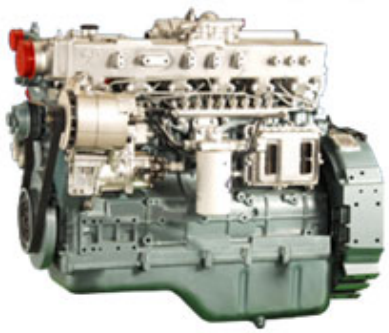
Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6ASeries	YC6A240-20	7.255	Euro II	177/2300	890/1400-1600
	YC6A260-20			191/2300	940/1400-1600
	YC6A240-30		Euro III	177/2300	900/1400-1600
	YC6A260-30			191/2300	1000/1400-1600
	YC6A280-30			206/2300	1100/1400-1600
	YC6A240-40		Euro IV	177/2300	900/1400-1600
	YC6A260-40			191/2300	1000/1400-1600
	YC6A270-40			199/2300	1000/1400-1600
	YC6A220-46			162/2300	850/1300-1600
	YC6A240-46			177/2300	900/1300-1600
	YC6A260-46			191/2300	1000/1300-1600
	YC6A270-46			199/2300	1000/1300-1600

YC6J Series

Euro II	Euro III	Euro IV
Domestic strengthening pump	BOSCH electronic control high-pressure common rail system	BOSCH electronic control high- pressure common rail system; with SCR post-processing
Applicable for Medium Duty Truck with GVW10-14T	For Medium Duty Transporter, engineer vehicle (GVW6-12T)	For 4×2, 6×2 dumper ; 4×2, 6×2 transporter; 4×2; 6×2 medium duty transporter, all kinds of modified vehicles

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6J Series	YC6J160-21	6.494	Euro II	118/2500	520/1400-1700
	YC6J170-21			125/2500	550/1400-1700
	YC6J180-21			132/2500	590/1400-1700
	YC6J190-20			140/2500	630/1400-1700
	YC6J210-20			155/2500	710/1400-1600
	YC6J180-30		Euro III	132/2500	650/1200-1700
	YC6J190-30			140/2500	700/1200-1700
	YC6J200-30			147/2500	730/1200-1700
	YC6J220-30			162/2500	800/1200-1700
	YC6J230-30			170/2500	850/1200-1700
	YC6J160-42		Euro IV	118/2500	550/1200-1700
	YC6J170-42			125/2500	550/1200-1700
	YC6J180-42			132/2500	660/1200-1700
	YC6J190-42			140/2500	700/1200-1700
	YC6J200-42			147/2500	730/1200-1700
	YC6J210-42			155/2500	760/1200-1700
	YC6J220-42			162/2500	800/1200-1700
	YC6J160-46			118/2500	550/1400-1700
	YC6J170-46			125/2500	550/1400-1700
	YC6J180-46			132/2500	590/1400-1700
	YC6J190-46			140/2500	630/1400-1700
	YC6J200-46			147/2500	700/1400-1700
	YC6J210-46			155/2500	710/1400-1700
	YC6J220-46			162/2500	760/1400-1700

YC6L Series



Euro III	Euro IV
BOSCH electronic control high- pressure common rail system	BOSCH electronic control high-pressure common rail system; with SCR post-processing
Applicable for HDT with load capacity 8-15T, engineer vehicle	For 4×2, 6×2, 6×4 tractor; 8×4 truck

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6LSeries	YC6L260-30	8.424	Euro III	191/2200	1030/1200-1600
	YC6L280-30			206/2200	1100/1200-1600
	YC6L290-30			213/2200	1100/1200-1600
	YC6L310-30			228/2200	1150/1200-1600
	YC6L330-30			243/2200	1280/1200-1600
	YC6L340-30			247/2200	1280/1200-1600
	YC6L270-42		Euro IV	199/2200	1050/1200-1700
	YC6L290-42			213/2200	1150/1200-1700
	YC6L310-42			228/2200	1150/1200-1600
	YC6L320-42			236/2200	1180/1200-1700
	YC6L330-42			243/2200	1280/1200-1700

YC6M Series

Euro II	Euro III	Euro IV
Domestic Pump	BOSCH electronic control high-pressure common rail system	BOSCH electronic control high- pressure common rail system; with SCR post-processing
Applicable for HDT with load capacity above 15T	Applicable for 6×4, 8×4 dumper; 4×2, 6×2, 6×4 tractor	Applicable for dumper, truck, tractor

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6MSeries	YC6M280-20	9.8	Euro II	206/2100	1180/1400-1600
	YC6M320-20			236/2100	1380/1300-1500
	YC6M340-20			250/2100	1460/1300-1500
	YC6M360-20			266/2100	1550/1300-1500
	YC6M375-20			275/2100	1550/1400-1600
	YC6MK300-30	10.338	Euro III	221/1900	1400/1100-1500
	YC6MK340-30			250/1900	1550/1100-1500
	YC6MK380-30			276/1900	1650/1100-1500
	YC6MK400-30			294/1900	1800/1100-1500
	YC6MK300-40		Euro IV	221/1900	1400/1100-1500
	YC6MK320-40			236/1900	1500/1100-1500
	YC6MK340-40			250/1900	1500/1100-1500
	YC6MK350-40			258/1900	1600/1100-1500
	YC6MK375-40			276/1900	1700/1100-1500
	YC6MK385-40			285/1900	1800/1100-1500
	YC6MK400-40			294/1900	1900/1100-1500
	YC6MK300-42			221/2100	1180/1100-1500
	YC6MK320-42			236/2100	1200/1100-1500
	YC6MK340-42			250/2100	1400/1100-1500
	YC6MK350-42			258/2100	1400/1100-1500
	YC6MK375-42			276/2100	1600/1100-1500
	YC6MK385-42			285/2100	1600/1100-1500

Loader Engines

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC4D Series	YC4D80-T20	58/2400	260/1550±100	T2	4.214
YC4B/YC4A Series	YC4B90-T20	65/2400	290/1550±100	T2	4.58
	YC4A105Z-T20	75/2200	400/1500-1700	T2	4.837
YC6J Series	YC6J125Z-T20	92/2200	500/1300-1600	T2	6.494
	YC6J125Z-T21	92/2300	500/1300-1600	T2	6.494
	YC6J125Z-T22	92/2000	500/1300-1500	T2	6.494
YC6BSeries	YC6B125-T20	92/2200	460/1550±100	T2	6.871
	YC6B125-T21	92/2300	460/1550±100	T2	6.871
YC6MKSeries	YC6MK220Z-T20	162/2200	950/1300-1600	T2	9.839
	YC6MK220Z-T21	162/2000	950/1300-1600	T2	9.839

Forklift Engines

YC4A, YC6B, YC6A Series

Mechanical Pump, Turbocharged/Natural Aspirated

T2 Emission Standard

Applicable Altitude 1000-2500m

Type	Model	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)	Emission	Displacement (L)
YC4A	YC4A115Z-T20	85/2200	425/1550±100	T2	4.837
YC6B	YC6B120-T22	85/2400	450/1550±100	T2	6.871
YC6A	YC6A175Z-T20	128/2200	660/1500-1800	T2	7.255

Excavator Engines

YC4D, YC6J Series

Mechanical Pump, Turbocharged/Natural Aspirated

T2 Emission Standard

Applicable Altitude 1000-2500m

Type	Model	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)	Emission	Displacement (L)
YC4D	YC4D110L-T20	81/2200	420/1450-1650	T2	4.214
YC6J	YC6J160L-T20	115/2000	610/1600±100	T2	6.494

Road Roller Engines

YC6B/YC6A Series

Mechanical Pump, Turbocharged/Natural Aspirated, Intercooled

T2 Emission Standard

Applicable Altitude 1000-2500m

Type	Model	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)	Emission	Displacement (L)
YC6B/YC6A Series	YC6B120-T20	85/2000	450/1550±100	T2	6.871
	YC6B150Z-T21	110/2100	560/1500-1700	T2	7.871
	YC6A170Z-T20	125/2100	660/1500-1800	T2	7.255
	YC6A190L-T20	140/2000	735/1500±100	T2	7.255

Drilling Rig Engines

YC4D, YC6M Series

Mechanical Pump, Turbocharged

T2 Emission Standard

Applicable Altitude 1000-2500m

Type	Model	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)	Emission	Displacement (L)
YC4D	YC4D95Z-K20	70/2400	/	T2	4.214
	YC4D80-T21	56/2200	1500±100	T2	4.214
	YC4D95Z-T20	70/2400	320/1450-1650	T2	4.214
YC6M	YC6MK240Z-T20	175/2200	1000/1300-1600	T2	9.839

Mining Truck Engines

YC6M Series

Mechanical Pump, Turbocharged, Intercooled

T2 Emission Standard

Applicable Altitude 3000m

Type	Model	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)	Emission	Displacement (L)
YC6M Series	YC6MK340L-T20	250/1900	1800/1100-1500	T2	10.34
	YC6MK375L-T20	276/1900	1650/1100-1500	T2	10.34

YC4A Series

Mechanical pump, Turbocharged (Inter-cooled)
T2 emission standard
Applicable Altitude 1000-3000 meters
Applicable for agricultural tractor or harvester

Type	Model	Rated Power (Kw/r/min)	Maximum Torque (Nm/r/min)	Emission	Displacement (L)	Application
YC4A Series	YC4A80-T20	57/2200	300/1550±100	T2	4.837	Tractor
	YC4A85-T20	62/2200	320/1550±100			
	YC4A85-T21	62/2300	305/1500-1700			
	YC4A90-T20	66/2200	330/1550±100			
	YC4A90-T22	66/2300	320/1550±100			
	YC4A100-T20	69/2300	330/1550±100			
	YC4A110Z-T20	81/2300	390/1540-1740			Harvester
	YC4A130L-T20	95/2300	460/1500-1700			
	YC4A105Z-T20	75/2200	400/1500-1700			
	YC4A110Z-T22	81/2200	405/1500-1800			
	YC4A115Z-T21	84/2400	420/1500-1700			
	YC4A120Z-T20	88/2300	440/1450-1650			

YC4B Series

Mechanical pump, Turbocharged/Natural Aspirated
T2 emission standard
Applicable Altitude 1000-2000 meters
Applicable for agricultural tractor or harvester

Type	Model	Rated Power (Kw/r/min)	Maximum Torque (Nm/r/min)	Emission	Displacement (L)	Application
YC4B Series	YC4B85-T21	62/2300	300/1500±100	T2	4.58	Tractor
	YC4B90Z-20	66/2300	360/1400-1700			
	YC4B95Z-T20	70/2300	350/1550±100			
	YC4B105Z-T20	74/2300	365/1450-1650			
	YC4B105Z-T22	77/2300	385/1550±100			
	YC4B85-T22	62/2200	300/1550±100			Harvester
	YC4B105Z-T21	75/2200	390/1550±100			
	YC4B110Z-T21	81/2200	410/1550±100			
	YC4B115Z-T20	84/2400	390/1450-1650			

YC4D Series

Mechanical pump, Turbocharged (Inter-cooled)
T2 emission standard
Applicable Altitude 2000 meters
Applicable for milling machine or harvester

Type	Model	Rated Power (Kw/r/min)	Maximum Torque (Nm/r/min)	Emission	Displacement (L)	Application
YC4D Series	YC4D95Z-T21	70/2200	≥320/1700-2000	T2	4.214	Milling Machine
	YC4D100Z-T21	73.5/2200	360/1800±100	T2	4.214	Harvester
	YC4D120L-T20	88/2600	395/1800-2000	T2	4.214	
	YC4D120Z-T20	88/2600	395/1800-2000	T2	4.214	

YC4F Series

Type	Model	Rated Power (Kw/r/min)	Maximum Torque (Nm/r/min)	Emission	Displacement (L)	Application
YC4F Series	YC4F65Z-T20	45/2650	230/2000-2200	T2	2.659	Harvester

YC6A Series

Mechanical pump, Turbocharged , Inter-cooled
T2 emission standard
Applicable Altitude 2500 meters
Applicable for agricultural tractor or harvester

Type	Model	Rated Power (Kw/r/min)	Maximum Torque (Nm/r/min)	Emission	Displacement (L)	Application
YC6A Series	YC6A205L-T20	150/2300	800/1580-1780	T2	7.255	Tractor
	YC6A230-T20	169/2200	910/1550±			
	YC6A220L-T20	162/2200	800/1500-1700			Harvester

YC6B Series

Mechanical pump, Turbocharged/Natural Aspirated
T2 emission standard
Applicable Altitude 1000/2500 meters
Applicable for agricultural tractor or harvester

Type	Model	Rated Power (Kw/r/min)	Maximum Torque (Nm/r/min)	Emission	Displacement (L)	Application
YC6B Series	YC6B135Z-T20	100/2300	520/1500-1700	T2	6.871	Tractor
	YC6B145Z-T20	107/2300	560/1450-1650	T2	6.871	
	YC6B150Z-T20	110/2200	555/1500±100	T2	6.871	
	YC6B150Z-T24	110/2200	620/1500±100	T2	6.871	
	YC6B160Z-T21	115/2300	600/1500-1700	T2	6.871	
	YC6B160Z-T22	118/2200	625/1550±100	T2	6.871	
	YC6B110-T20	80/2100	450/1550±100	T2	6.871	Harvester
	YC6B160Z-T20	118/2200	590/1580-1780	T2	6.871	
	YC6B170Z-T20	125/2400	580/1700-1900	T2	6.871	

YC6J Series

Mechanical pump, Turbocharged, Inter-cooled
T2 emission standard
Applicable Altitude 2500 meters
Applicable for agricultural tractor

Type	Model	Rated Power (Kw/r/min)	Maximum Torque (Nm/r/min)	Emission	Displacement (L)	Application
YC6J Series	YC6J175L-T20	129/2200	690/1550±100	T2	6.494	Tractor
	YC6J185L-T20	136/2200	720/1550±100	T2	6.494	

YC4D Series

FEATURES

High performance combustion chamber and intake swirl contribute to lower fuel consumption

Yuchai sealing technology in piston ring and valve oil seal reduces the lube oil consumption

High fuel efficiency and low maintenance cost

Compact size facilitates installation, maintenance and repair

Easy operating and nature friendly with low noise, rapid start ability and low emissions

YC4D TECHNICAL SPECIFICATIONS

Model	YC4108C	YC4108CA	YC4108ZC	YC4D75C
Configuration	Vertical in-line, 4-cylinder, 4-stroke, direct injection, water-cooled			
Bore ×Stroke (mm)	108 ×115			
Aspiration	Natural		Turbocharged & inter-cooled	
Displacement (L)	4.21			
Compression ration	17:01			
Rated power/Speed (kW(hp)/r/min)	40(54)/1500	32(43.5)/1500	50(68)/1500	55(75)/1800
Fuel consumption g/(kW·h)	≤200		≤198	
Oil consumption g/(kW·h)	≤0.8			
Rotation	Counterclockwise (facing flywheel)			
Starting method	Electric			
Dry weight (kg)	370		390	
Engine dimension (L×W×H) (mm)	986 × 730 × 948		1311 × 746 × 962	
Certificate	ZC, ZY, CCS			

YC4F Series

FEATURES

World-class high speed engine for speed pursuer

Yuchai sealing technology in piston ring and valve oil seal reduces the lube oil consumption

High reliability, fuel efficiency and low maintenance cost

Compact size facilitates installation, maintenance and repair

Easy operating and nature friendly with low noise, rapid start ability and low emissions

Major overhaul period is more than 10000 hours

YC4F TECHNICAL SPECIFICATIONS

Model	YC4F115C-31	YC4F100-C20	YC4F90L-C20
Configuration	Vertical in-line, 4-cylinder, 4-stroke, direct injection, water-cooled		
Bore ×Stroke (mm)	92 ×100		
Aspiration	Turbocharged & inter-cooled		
Displacement (L)	2.66		
Compression ration	16.3:1		
Rated power/Speed (kW(hp)/r/min)	85/3100	73/2950	63/2800
Fuel consumption g/(kW·h)	≤195		
Oil consumption g/(kW·h)	≤0.8		
Rotation	Counterclockwise (facing flywheel)		
Starting method	Electric		
Dry weight (kg)	420		
Engine dimension (L×W×H) (mm)	873 × 617 × 738		
Certificate	ZC, ZY, CCS		

YC6A Series

FEATURES

ω-type combustion chamber technology and low inertia mini aperture injector improve fuel efficiency

Yuchai sealing technology in piston ring and valve oil seal reduces the lube oil consumption

High fuel efficiency and low maintenance cost

Compact size facilitates installation, maintenance and repair

Operator and nature friendly with low noise, rapid start ability and low emissions

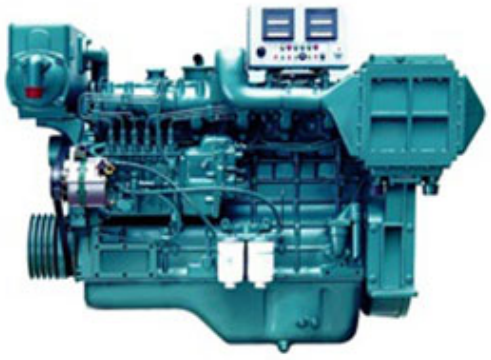
Major overhaul period is more than 10000 hours

First choice for patrol boat and yacht as the rated speed could reach 2800rpm

YC6A TECHNICAL SPECIFICATIONS

Model	YC6A280-C20	YC6A260-C20	YC6A250-C20	YC6A220C	YC6A195C	YC6A190C	YC6A170C	YC6108ZLCB
Configuration	Vertical in-line, 6-cylinder, 4-stroke, direct injection, water-cooled							
Bore ×Stroke (mm)	108 ×132							
Aspiration	Turbocharged & inter-cooled							
Displacement (L)	7.25							
Compression ration	17:01							
Rated power/Speed (kW(hp)/r/min)	206(280) /2500	191(260) /2300	183(250) /2200	162(220) /2300	145(197) /2300	140(190) /1800	125(170) /1500	112(152) /1500
Fuel consumption g/(kW·h)	≤198							
Oil consumption g/(kW·h)	≤0.8							
Rotation	Counterclockwise (facing flywheel)							
Starting method	Electric							
Dry weight (kg)	780			770				
Engine dimension (L×W×H) (mm)	1433 × 899 × 976			1415 × 910 × 1075				
Certificate	ZC, ZY, CCS, IMO							

YC6B/YC6J Series



FEATURES

ω-type combustion chamber technology and low inertia mini aperture injector improve fuel efficiency

Yuchai sealing technology in piston ring and valve oil seal reduces the lube oil consumption

High fuel efficiency and low maintenance cost

Compact size facilitates installation, maintenance and repair

Operator and nature friendly with low noise, rapid start ability and low emissions

Major overhaul period is more than 10000 hours

Good for medium size cargo ships and fishing vessels

YC6B TECHNICAL SPECIFICATIONS

Model	YC6B165C	YC6B165L-C20	YC6B150C	YC6108ZLCA
Configuration	Vertical in-line, 6-cylinder, 4-stroke, direct injection, water-cooled			
Bore ×Stroke (mm)	108 ×125			
Aspiration	Turbocharged & inter-cooled			
Displacement (L)	6.87			
Compression ration	17.5:1			
Rated power/Speed (kW(hp)/r/min)	120(165)/2300	120(165)/1800	110(150)/1800	90(123)/1500
Fuel consumption g/(kW·h)	≤198			
Oil consumption g/(kW·h)	≤0.8			
Rotation	Counterclockwise (facing flywheel)			
Starting method	Electric			
Dry weight (kg)	750			
Engine dimension (L×W×H) (mm)	1415 × 877 × 1025			
Certificate	ZC, ZY, CCS			

Model	YC6108ZCA	YC6108ZC	YC6108CA1	YC6B100-C20	YC6108CA
Configuration	Vertical in-line, 6-cylinder, 4-stroke, direct injection, water-cooled				
Bore ×Stroke (mm)	108 ×125				
Aspiration	Turbocharged		Natural		

Displacement (L)	6.87				
Compression ration	17.5:1				
Rated power/Speed (kW(hp)/r/min)	103(140)/2300	80(109)/1500	82(112)/2000	74(100)/1800	63(86)/1500
Fuel consumption g/(kW·h)	≤200				
Oil consumption g/(kW·h)	≤0.8				
Rotation	Counterclockwise (facing flywheel)				
Starting method	Electric				
Dry weight (kg)	750				
Engine dimension (L×W×H) (mm)	1275 × 764 × 1012		1300 ×735 × 1025		
Certificate	ZC, ZY, CCS				

YC6J TECHNICAL SPECIFICATIONS

Model	YC6105CA1	YC6105CA
Configuration	Vertical in-line, 6-cylinder, 4-stroke, direct injection, water-cooled	
Bore ×Stroke (mm)	105 ×125	
Aspiration	Natural	
Displacement (L)	6.49	
Compression ration	16.5:1	
Rated power/Speed (kW(hp)/r/min)	66(90)/2000	53(72)/1500
Fuel consumption g/(kW·h)	≤198	
Oil consumption g/(kW·h)	≤0.8	
Rotation	Counterclockwise (facing flywheel)	
Starting method	Electric	
Dry weight (kg)	700	
Engine dimension (L×W×H) (mm)	1300 × 735 × 1025	
Certificate	ZC, ZY, CCS	

YC6CL/YC6C Series

FEATURES

With the advanced technologies of 4-valve, higher efficient turbocharger and intercooler, Yuchai engine is characterized with high power density and large torque at low speed· Better improvement in safety and durability by preventive cylinder gasket blown-out measure

Compact size is convenient for installation, maintenance and repair

Operator and nature friendly with low noise, rapid start ability and low emissions

High fuel efficiency and low maintenance cost

YC6CL/YC6C TECHNICAL SPECIFICATIONS

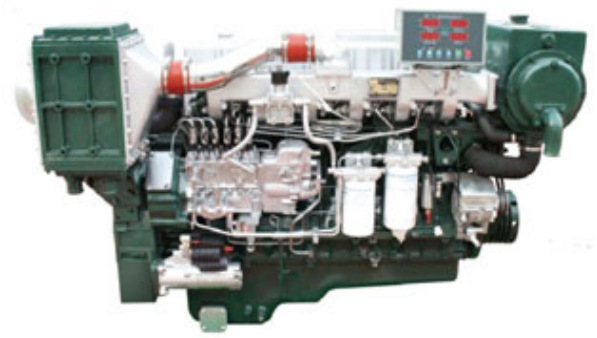
Model	YC6CL1200L-C20	YC6CL1035L-C20	YC6C960L-C20	YC6C925L-C20	YC6C865L-C20
Configuration	Vertical in-line, 6-cylinder, 4-stroke, direct injection, water-cooled				
Bore ×Stroke (mm)	200 ×290		200 ×210		
Aspiration	Turbocharged & inter-cooled				
Displacement (L)	54.6		39.58		
Compression ration	14.5:1				
Rated power/Speed (kW(hp)/r/min)	882(1200)/1000	760(1035)/1000	706(960)/1350	680(925)/1350	636(865)/1350
Fuel consumption g/(kW·h)	≤195				
Oil consumption g/(kW·h)	≤0.8				
Rotation	Counterclockwise (facing flywheel)				
Starting method	Electric (pneumatic start-up is optional)				
Dry weight (kg)	5380		4700		
Engine dimension (L×W×H) (mm)	2871 ×1263 ×2298		2822 ×1262 ×2142.4		
Certificate	ZC, ZY, CCS, IMO				

YC6C TECHNICAL SPECIFICATIONS

Model	YC6C820L-C20	YC6C730L-C20	YC6C670L-C20	YC6C620L-C20	YC6C700L-C20	YC6C650L-C20	YC6C530L-C20	YC6C480L-C20
Configuration	Vertical in-line, 6-cylinder, 4-stroke, direct injection, water-cooled							
Bore ×Stroke (mm)	200 ×210							

Aspiration	Turbocharged & inter-cooled							
Displacement (L)	39.58							
Compression ration	14.5:1							
Prime power/Speed (kW(hp)/r/min	603 (820)/1200	536 (730)/1200	492 (670)/1200	455 (620)/1200	515 (700)/1000	478 (650)/1000	390 (530)/1000	352 (480)/1000
Fuel consumption g/(kW·h)	≤195							
Oil consumption g/(kW·h)	≤0.8							
Rotation	Counterclockwise (facing flywheel)							
Starting method	Electric (pneumatic start-up is optional)							
Dry weight (kg)	4700							
Engine dimension (L×W×H) (mm)	2822 ×1262 ×2142.4							
Certificate	ZC, ZY, CCS, IMO							

YC6MJ/YC6MK/YC6M Series



FEATURES

The integration of crankshaft, postposition gear chamber and point-line gear-meshing patent technology reduce noise level

Wet cylinder liner structure facilitates maintenance and repair

Improved fuel consumption by P7100 fuel pump, P-injector and Honeywell turbocharger achieves high mean effective pressure and power density

The use of 42CrMo forged steel crankshaft increase fatigue strength ad abrasive resistance, and the torque output at front end could be more than 900Nm

Yuchai sealing technology in piston ring and valve oil seal reduces the lube oil consumption

High fuel efficiency and low maintenance cost

Operator and nature friendly with low noise, rapid start ability and low emissions

Major overhaul period is more than 12000 hours

Water-cooled exhaust pipe with the integrated forged steel water liner reduces exhaut temperature and emission

YC6MJ TECHNICAL SPECIFICATIONS

Model	YC6MJ450L-20	YC6MJ410L-20	YC6MJ365L-20
Configuration	Vertical in-line, 6-cylinder, 4-stroke, direct injection, water-cooled		
Bore ×Stroke (mm)	131 ×145		
Aspiration	Turbocharged & inter-cooled		
Displacement (L)	11.73		
Compression ration	16.8:1		
Rated power/Speed (kW(hp)/r/min)	330(450)/2100	330(410)/1800	267(365)/1500
Fuel consumption g/(kW·h)	≤192		
Oil consumption g/(kW·h)	≤0.5		
Rotation	Counterclockwise (facing flywheel)		
Starting method	Electric		
Dry weight (kg)	1250		

Engine dimension (L×W×H) (mm)	1834 ×1028 ×1278.5
Certificate	ZC, ZY, CCS, IMO

YC6MK TECHNICAL SPECIFICATIONS

Model	YC6MK330C	YC6MK320C	YC6MK300C	YC6MK280C
Configuration	Vertical in-line, 6-cylinder, 4-stroke, direct injection, water-cooled			
Bore ×Stroke (mm)	123 ×145			
Aspiration	Turbocharged & inter-cooled			
Displacement (L)	10.34			
Compression ration	17.5 : 1			
Rated power/Speed (kW(hp)/r/min)	240(330)/1500	235(320)/1800	220(300)/1500	205(280)/1500
Fuel consumption g/(kW·h)	≤189			
Oil consumption g/(kW·h)	≤0.5			
Rotation	Counterclockwise (facing flywheel)			
Starting method	Electric			
Dry weight (kg)	1270			
Engine dimension (L×W×H) (mm)	1815 ×1058 ×1276			
Certificate	ZC, ZY, CCS, IMO			

YC6M TECHNICAL SPECIFICATIONS

Model	YC6M320C	YC6M280C	YC6M295C
Configuration	Vertical in-line, 6-cylinder, 4-stroke, direct injection, water-cooled		
Bore ×Stroke (mm)	120 ×145		
Aspiration	Turbocharged & inter-cooled		
Displacement (L)	9.84		
Compression ration	17.5 : 1		
Rated power/Speed (kW(hp)/r/min)	234(320)/2100	206(280)/2100	216(295)/1800
Fuel consumption g/(kW·h)	≤189		
Oil consumption g/(kW·h)	≤0.5		
Rotation	Counterclockwise (facing flywheel)		
Starting method	Electric		
Dry weight (kg)	1150		
Engine dimension (L×W×H) (mm)	1795 ×1085 ×1360		
Certificate	ZC, ZY, CCS, IMO		

YC6T Series

FEATURES

Well perform in 20000 hours reliability test and the most demanding requirements on temperature compact and metal fatigue

Our world-class foundry and machining factory guarantee the excellent quality and reliability of our major components

Alloy cast iron engine block, forged steel crankshaft and high-strength alloy connecting rod increase strength and rigidity

The improvement of piston cooling system reduces the piston temperature and oil consumption

High efficient 4-valve, P fuel pump & P injector, postposition gear chamber and point-line gear-meshing patent technology improve combustion, noise level, vibration and fuel consumption

Water cooling exhaust pipe reduces engine room temperature

Provide dual starting methods (electric and pneumatic)

YC6T(1800rpm) TECHNICAL SPECIFICATIONS

Model	YC6T540C	YC6T510C	YC6T480C	YC6T420C	YC6T390C
Configuration	Vertical in-line, 6-cylinder, 4-stroke, direct injection, water-cooled				
Bore ×Stroke (mm)	145 ×165				
Aspiration	Turbocharged & inter-cooled				
Displacement (L)	16.35				
Compression ration	15.5:1				
Rated power/Speed (kW(hp)/r/min)	396(540)/1800	375(510)/1800	352(480)/1800	308(420)/1800	287(390)/1800
Fuel consumption g/(kW·h)	≤195				
Oil consumption g/(kW·h)	≤1				
Rotation	Counterclockwise (facing flywheel)				
Starting method	Electric (pneumatic start-up is optional)				
Dry weight (kg)	1980				
Engine dimension (L×W×H) (mm)	2125 ×1105 ×1645				

Certificate	ZC, ZY, CCS, IMO

YC6T(1500rpm) TECHNICAL SPECIFICATIONS

Model	YC6T490C	YC6T450C	YC6T410C	YC6T400C	YC6T375C	YC6T330C
Configuration	Vertical in-line, 6-cylinder, 4-stroke, direct injection, water-cooled					
Bore ×Stroke (mm)	145 ×165					
Aspiration	Turbocharged & inter-cooled					
Displacement (L)	16.35					
Compression ration	15.5:1					
Rated power/Speed (kW(hp)/r/min)	360(490)/1500	330(450)/1500	300(410)/1500	294(400)/1500	276(375)/1500	242(330)/1500
Fuel consumption g/(kW·h)	≤195					
Oil consumption g/(kW·h)	≤1					
Rotation	Counterclockwise (facing flywheel)					
Starting method	Electric (pneumatic start-up is optional)					
Dry weight (kg)	1980					
Engine dimension (L×W×H) (mm)	2125 ×1105 ×1645					
Certificate	ZC, ZY, CCS, IMO					

YC6T(1200rpm) TECHNICAL SPECIFICATIONS

Model	YC6T380C	YC6T350C	YC6T300C
Configuration	Vertical in-line, 6-cylinder, 4-stroke, direct injection, water-cooled		
Bore ×Stroke (mm)	145 ×165		
Aspiration	Turbocharged & inter-cooled		
Displacement (L)	16.35		
Compression ration	15.5:1		
Rated power/Speed (kW(hp)/r/min)			
Fuel consumption g/(kW·h)	≤195		
Oil consumption g/(kW·h)	≤1		
Rotation	Counterclockwise (facing flywheel)		
Starting method	Electric (pneumatic start-up is optional)		
Dry weight (kg)	1980		
Engine dimension (L×W×H) (mm)	2125 ×1105 ×1645		
Certificate	ZC, ZY, CCS, IMO		

RT-flex 48T

Wartsila RT-flex48T low-speed marine diesel engine is custom-designed to provide economic and reliable propulsion for bulk carriers and oil tanker with load capacity from 2000 to 150000t.

The application ship include from small/handymax to Cape of Good Hope type and Suez type.

Cylinder Bore	Stroke	Rotating Speed	R1 Mean Effective Pressure	Piston Speed	Fuel Oil
480mm	2000rmm	102-127rpm	19.0bar	8.5m/s	700cSt/50°

Rated Power, Dimensions and Weights						
Number of Cylinders	Output in kW at				Length	Weight
	127rpm		102rpm			
	R1	R2	R3	R4		
5	7275	5100	5825	5100	5314	171
6	8730	6120	6990	6120	6148	205
7	10185	7140	8155	7140	6982	225
8	11640	8160	6320	8160	7816	250
Dimension	B	C	D	E	F	G
	3170	1085	7334	3253	9030	1700

Automatic Fuel Consumption						
Full Load						
Stage Point			R1	R2	R3	R4
Brake mean effective pressure			19	13.3	19	16.6
IMO Tier I	RTA		169	161	169	165
IMO Tier II	RTA		173	167	173	169
	RT-flex	Standard Adjustment	171	165	171	167
Part Load,% of R1		85	70	85	70	60
Variable Standard		Standard	Standard	Delat	Delat	Low-Load
IMO Tier II		167.8	167	167.1	165.5	164.5

RT-flex 50-B

Wartsila RT-flex50 low-speed marine diesel engine is applicable for wide types or dimensions ships: from handysize and Panama bulk carrier to oil tanker and container carrier.

Maximum output power: 6100-13960kw, with speed of 99-124rpm.

The fuel injection and valve drive are controlled under the full electrically controlled common rail system.

Cylinder Bore	Stroke	Rotating Speed	R1 Mean Effective Pressure	Piston Speed	Fuel Oil
500mm	2050rmm	99-124rpm	20.0bar	8.5m/s	700cSt/50°

Rated Power, Dimensions and Weights						
Number of Cylinders	Output in kW at				Length	Weight
	124rpm		99rpm			
	R1	R2	R3	R4		
5	8300	5800	6650	5800	5582	200
6	9960	6960	7980	6960	6462	225
7	11620	8120	9310	8120	7342	255
8	13280	9280	10640	9280	8222	280
Dimension	B	C	D	E	F	G
	3150	1088	7646	3300	9270	1636

Automatic Fuel Consumption				
Full Load				
Stage Point	R1	R2	R3	R4
Brake mean effective pressure	20	13.9	20	17.5

IMO Tier I	RT-flex	Standard Adjustment	171	165	171	167
IMO Tier II	RT-flex	Standard Adjustment	173	167	173	169
Part Load，% of R1		85	70	85	70	60
Variable Standard		Standard	Standard	Delat	Delat	Low-Load
IMO Tier I		167	166.7	166.7	166	-
IMO Tier II		169.8	169	169.1	167.5	166.5

RT-flex 50-D

Wartsila RT-flex50 low-speed marine diesel engine is applicable for wide types or dimensions ships: from handysize and Panama bulk carrier to oil tanker and container carrier.

Maximum output power: 6100 to 13960kw, with speed of 99-124rpm.

The fuel injection and valve drive are controlled under the full electrically controlled common rail system.

Cylinder Bore	Stroke	Rotating Speed	R1 Mean Effective Pressure	Piston Speed	Fuel Oil
500mm	2050rmm	99-124rpm	21.0bar	8.5m/s	700cSt/50°

Rated Power, Dimensions and Weights						
Number of Cylinders	Output in kW at				Length	Weight
	124rpm		99rpm			
	R1	R2	R3	R4		
5	8725	6100	6975	6100	5582	200
6	10470	7320	8370	7320	6462	225
7	12215	8540	9765	8540	7342	255
8	13960	9760	11160	9760	8222	280
Dimension	B	C	D	E	F	G
	3150	1088	7646	3300	9270	1636

Automatic Fuel Consumption				
Full Load				
Stage Point	R1	R2	R3	R4
Brake mean effective pressure	21	14.7	21	18.4

IMO Tier I	RT-flex	Standard Adjustment	169	163	169	165
IMO Tier II	RT-flex	Standard Adjustment	171	165	171	167
Part Load，% of R1		85	70	85	70	60
Variable Standard		Standard	Standard	Delat	Delat	Low-Load
IMO Tier I		165	164.7	164.7	164	-
IMO Tier II		167.8	167	167.1	165.5	164.5

RT-flex 58T

Wartsila RT-flex58T low-speed marine diesel engine is custom-designed to provide economic and reliable propulsion for bulk carriers and oil tanker with load capacity from 2000 to 150000t. 。

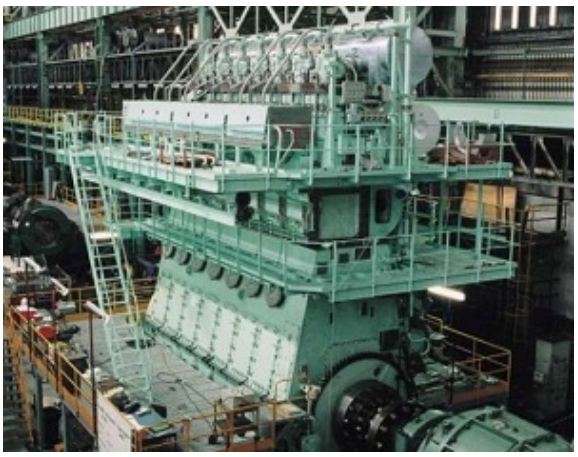
Applicable for all ship types, from small/handymax to Cape of Good Hope type and Suez type.

Cylinder Bore	Stroke	Rotating Speed	R1 Mean Effective Pressure	Piston Speed	Fuel Oil
580mm	2416rmm	84-105rpm	20.2bar	8.5m/s	700cSt/50°

Rated Power, Dimensions and Weights						
Number of Cylinders	Output in kW at				Length	Weight
	105rpm		84rpm			
	R1	R2	R3	R4		
5	11300	7900	9050	7900	6381	281
6	13560	9480	10860	9480	7387	322
7	15820	11060	12670	11060	8393	377
8	18080	12640	14480	12640	9399	418
Dimension	B	C	D	E	F	G
	3820	1300	8822	3475	10880	2000

Automatic Fuel Consumption						
Full Load						
Stage Point			R1	R2	R3	R4
Brake mean effective pressure			20.2	14.1	20.2	17.7
IMO Tier I	RTA		170	162	170	166
	RT-flex	Standard Adjustment	170	162	170	166
IMO Tier II	RTA		174	168	174	170
	RT-flex	Standard Adjustment	171	165	171	167
Part Load,% of R1		85	70	85	70	60
Variable Standard		Standard	Standard	Delat	Delat	Low-Load
IMO Tier I		166	166.5	165.6	165	-
IMO Tier II		167.8	167	167.1	165.5	164.5

RT-flex 60C



Wartsila RT-flex60C low-speed marine diesel engine is custom-designed to provide economic and reliable propulsion for the liner ships and ever-growing container fleets. Wartsila RT-flex60C is also suitable for other types like refrigerated ship and vehicle carrier with the same transport condition.

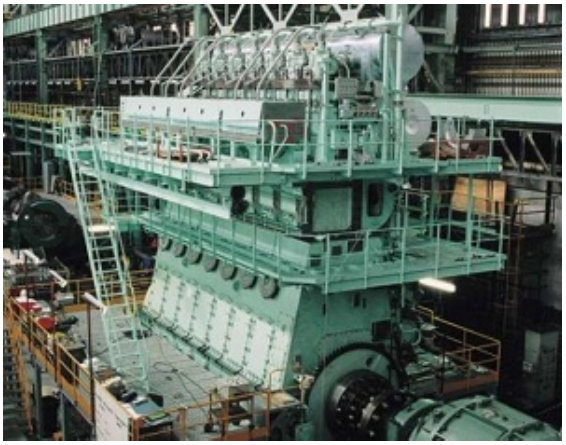
The full electrically controlled better improved the fuel injection and valve drive system, which brings more benefits.

Cylinder Bore	Stroke	Rotating Speed	R1 Mean Effective Pressure	Piston Speed	Fuel Oil
600mm	2250rmm	91-114rpm	19.5bar	8.6m/s	700cSt/50°

Rated Power, Dimensions and Weights						
Number of Cylinders	Output in kW at				Length	Weight
	114rpm		91rpm			
	R1	R2	R3	R4		
5	11800	8250	9400	8250	6638	268
6	14160	9900	11280	9900	7678	322
7	16520	11550	13160	11550	8718	377
8	18880	13200	15040	13200	9758	428
9	21240	14850	16920	14850	10798	480
Dimension	B	C	D	E	F	G
	3700	1300	8570	3660	10500	1955

Automatic Fuel Consumption						
Full Load						
Stage Point			R1	R2	R3	R4
Brake mean effective pressure			19.5	13.7	19.5	17
IMO Tier I	RT-flex	Standard Adjustment	170	164	170	166
Part Load , % of R1			85	70	85	70
Variable Standard			Standard	Standard	Delat	Delat
IMO Tier I			167	167.1	166.3	165

RT-flex 60C-B



Wartsila RT-flex60C-B low-speed marine diesel engine is custom-designed to provide economic and reliable propulsion for the liner ships and ever-growing container fleets. Wartsila RT-flex60C-B is also suitable for other types like refrigerated ship and vehicle carrier with the same transport condition.

The full electrically controlled better improved the fuel injection and valve drive system, which brings more benefits.

Cylinder Bore	Stroke	Rotating Speed	R1 Mean Effective Pressure	Piston Speed	Fuel Oil
600mm	2250rmm	91-114rpm	20.0bar	8.6m/s	700cSt/50°

Rated Power, Dimensions and Weights						
Number of Cylinders	Output in kW at				Length	Weight
	114rpm		91rpm			
	R1	R2	R3	R4		
5	12100	8450	9050	8450	6638	268
6	14520	10140	11580	10140	7678	322
7	16940	11830	13510	11830	8718	377
8	19360	13520	15440	13520	9758	428
9	21780	15210	17370	15210	10798	480
Dimension	B	C	D	E	F	G
	3700	1300	8570	3660	10500	1955

Automatic Fuel Consumption						
Full Load						
Stage Point			R1	R2	R3	R4
Brake mean effective pressure			20	14	20	17.5
IMO Tier I	RT-flex	Standard Adjustment	170	164	170	166
IMO Tier II	RT-flex	Standard Adjustment	171	165	171	167
Part Load,% of R1			85	70	85	70
Variable Standard			Standard	Standard	Delat	Delat
IMO Tier I			167	167.1	166.3	165
IMO Tier II			167.8	167	167.1	165.5

W-X35

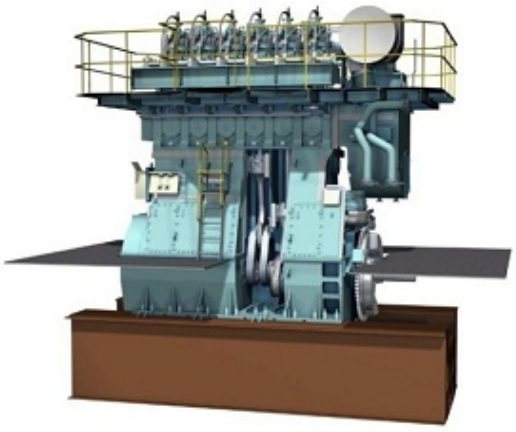
Wartsila W-X35 low-speed marine diesel engine is designed to provide economic and reliable propulsion for various medium and small commercial ship, such as handysize bulk carrier, oil tanker, break-bulk carrier, refrigerated ship, container feeder ship and handysize LPG ship. Equipped 5-8 cylinders, with rated power of 3475-6960kw, speed of 142-167rpm.

Cylinder Bore	Stroke	Rotating Speed	R1 Mean Effective Pressure	Piston Speed	Fuel Oil
350mm	1550rmm	142-167rpm	21.0bar	8.6m/s	700cSt/50°

Rated Power, Dimensions and Weights						
Number of Cylinders	Output in kW at				Length	Weight
	167rpm		142rpm			
	R1	R2	R3	R4		
5	4350	3475	3700	3475	4434	69
6	5220	4170	4440	4170	5046	80
7	6090	4865	5180	4865	5658	90
8	6960	5560	5920	5560	6270	98
Dimension	B	C	D	E	F	G
	2264	830	5556	1220	6850	1326

Automatic Fuel Consumption						
Full Load						
Stage Point			R1	R2	R3	R4
Brake mean effective pressure			21	16.8	21	19.8
IMO Tier II	RT-flex	Standard Adjustment	176	170	176	174
Part Load,% of R1		85	70	85	70	60
Variable Standard		Standard	Standard	Delat	Delat	Low-Load
IMO Tier II		172.8	172	172.1	170.5	169.5

W-X40



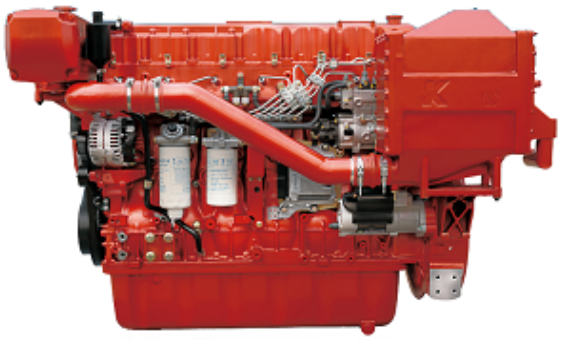
Wartsila W-X40 low-speed marine diesel engine is designed to provide economic and reliable propulsion for various medium and small commercial ship, such as handysize bulk carrier, oil tanker, break-bulk carrier, refrigerated ship, container feeder ship and handysize LPG ship. Equipped 5-8 cylinders, with rated power of 4550-9080kw, speed of 124-146rpm.

Cylinder Bore	Stroke	Rotating Speed	R1 Mean Effective Pressure	Piston Speed	Fuel Oil
480mm	2000rmm	102-127rpm	19.0bar	8.5m/s	700cSt/50°

Rated Power, Dimensions and Weights						
Number of Cylinders	Output in kW at				Length	Weight
	146rpm		124rpm			
	R1	R2	R3	R4		
5	5676	4550	4825	4550	5050	109
6	6810	5460	5790	5460	5750	125
7	7945	6370	6755	6370	6450	140
8	9080	7280	7720	7280	7150	153
Dimension	B	C	D	E	F	G
	2590	950	6335	1660	7700	1425

Automatic Fuel Consumption						
Full Load						
Stage Point			R1	R2	R3	R4
Brake mean effective pressure			21	16.8	21	19.8
IMO Tier II	RT-flex	Standard Adjustment	175	169	175	173
Part Load，% of R1		85	70	85	70	60
Variable Standard		Standard	Standard	Delat	Delat	Low-Load
IMO Tier II		171.8	171	171.1	169.5	169.5

Boat Engines



Leading technology, developed and designed by Yuchai and Yamaha, adopts BOSCH electronically controlled high pressure common rail fuel injection technology;

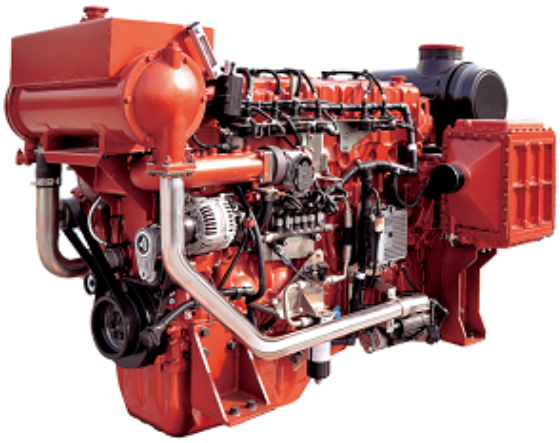
Low oil consumption, the diesel combustion efficiency is greatly improved, which can realize saving more than 10%;

High reliability, the main components uses imported or joint venture brands. B10 life over 60000 hours;

Engine is small in size, light weight, long life, is a new generation of green environmental protection engine for ship.

Model	Crankshaft Output Power(kw/hp)	Tail Shaft Output Power (kw/hp)	Speed(rpm)	Number of Cylinder	Displacement(L)
K12-500	368/500	357/485	1800	6	12
K12-550	404/550	392/533	1900	6	12
K12-600	441/600	428/582	2100	6	12

Commercial Ship



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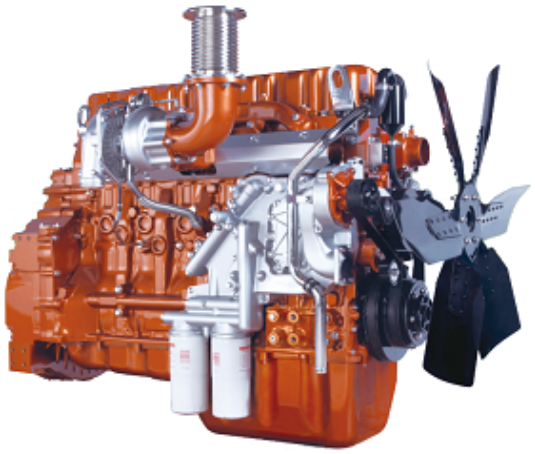
Engine is small in size, light weight, long life, is a new generation of green environmental protection engine for ship.

Purpose	Series	Model	Rated Power/Speed kW/r/min	Max.Power/Speed kW/r/min
Tourist Boat & Passenger Ship	K12	YC6K400L-C20	294/1500	324/1548
	K12	YC6K420L-C20	309/1500	340/1548
	K12	YC6K450L-C20	331/1500	364/1548
Commercial Vessels	K12	YC6K420L-C21	309/1500	340/1548
	K12	YC6K460L-C21	331/1800	364/1858
	K13	YC6K490L-C21	328/1500	360/1548
	K13	YC6K520L-C21	348/1800	382/1858
Auxiliary Ships	K12	YC6K420L-C22	309/1500	340/1500
	K13	YC6K450L-C22	331/1500	364/1500
Spare Auxiliary Ship	K13	YC6K480L-C22	353/1500	388/1500
Marine Sand Pump	K12	YC6K500L-C30	368/1800	405/1858
	K13	YC6K540L-C30	397/1800	437/1858

Generator Engine



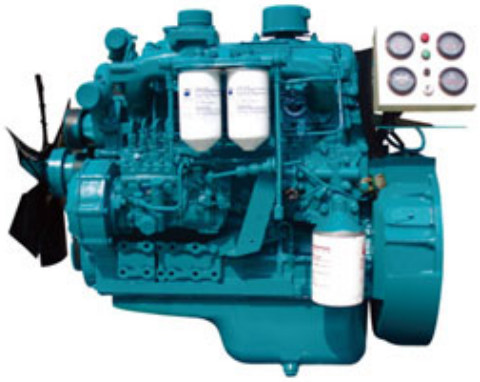
Leading Technology: using the world's most advanced electronically controlled high pressure common rail technology and Yuchai domestic leading electrical calibration technology;

High reliability: the average life of more than 60,000 hours;

Low emission, low noise, emissions meet EPA3, with better environmental performance.

Series	Model	Power (kw)		Rated Speed	Intake	Fuel System
		Common	Spare			
K10	K1020L-D30	228	252	1500	Turbocharged & Intercooled	Electric control
	K1025L-D30	278	306	1500		
K12	K1230L-D30	335	370	1500		
	K1232L-D30	356	382	1500		
K13	K1335L-D30	389	420	1500		

YC4A/4D (24-64kW) Series



FEATURES

Enhanced fuel injection pump improves fuel consumption

Yuchai sealing technology in piston ring and valve oil seal reduces the lube oil consumption

Operator and nature friendly with low noise and vibration

High fuel efficiency and low maintenance cost

Reliable cold starts at -25℃ and applicable altitude at ≤2500m without derating

Major overhaul period is more than 12000 hours

YC4A/4DTECHNICAL SPECIFICATIONS

Model	YC4A100Z-D20	YC4D60-D21	YC4D65-D20	YC4D85Z-D20	YC4D80Z-D20	YC4D100Z-D20
Configuration	Vertical, in-line, 6-cylinder, Water-cooled, 4-stroke					
Aspiration	Turbocharged	Natural		Turbocharged and air to air inter-cooled		
Bore ×Stroke (mm)	108 ×132	108 ×115				
Displacement (L)	4.84	4.21				
Compression ration	17.5:1	17:1		17.5:1		
Prime power/Speed (kW/r/min)	70/1500	40/1500	44/1800	55/1500	55/1800	66/1800
Standby power/Speed (kW/r/min)	73.5/1500	44/1500	48/1800	60.5/1500	60.5/1800	72.6/1800
Fuel consumption g/(kW·h)	≤200	≤205		≤200		
Oil capacity (L)	11-13					
Oil consumption g/(kW·h)	≤1.5					
Starting method	Electric					
Noise Lw dB(A)	≤102	≤98		≤102		
Emission	T2					
Applicable altitude (m)	≤2500	≤1000		≤2500		
Engine dimension (L×W×H) (mm)	1100 ×750 ×1080	1100 ×750 ×960				
Dry weight (kg)	550	360		370		

YC6A (120-150kW) Series

FEATURES

P fuel injection pump and P injector improve combustion and fuel consumption

Yuchai sealing technology in piston ring and valve oil seal reduces the lube oil consumption

Operator and nature friendly with low noise and vibration

High fuel efficiency and low maintenance cost

Reliable cold starts at -25℃ and applicable altitude at ≤2500m without derating

Major overhaul period is more than 12000 hours

YC6ATECHNICAL SPECIFICATIONS

Model	YC6A200Z-D20	YC6A200L-D20	YC6A230L-D20	YC6A245L-D20
Configuration	Vertical, in-line, 6-cylinder, Water-cooled, 4-stroke			
Aspiration	Turbocharged	Turbocharged and air to air inter-cooled		
Bore ×Stroke (mm)	108 ×132			
Displacement (L)	7.25			
Compression ration	17.5:1			
Prime power/Speed (kW/r/min)	132/1800	132/1500	155/1500	165/1800
Standby power/Speed (kW/r/min)	145/1800	145/1500	170.5/1500	181.5/1800
Fuel consumption g/(kW·h)	≤197	≤192		
Oil capacity (L)	20-22			
Oil consumption g/(kW·h)	≤1.2			
Starting method	Electric			
Noise Lw dB(A)	≤102			
Emission	T2			
Applicable altitude	≤2500			
Engine dimension (L×W×H) (mm)	1380 ×800 ×1120			
Dry weight (kg)	725			

YC6T (320-550kW) Series

FEATURES

4-valve and advanced injector provide better combustion

Yuchai sealing technology in piston ring and valve oil seal, giving protection in the toughest conditions and improving lube oil consumption

High fuel efficiency and low maintenance cost

Operator and nature friendly with low noise and vibration

Reliable cold starts at -25℃ and applicable altitude at ≤2500m without derating

Good transient response and steady-state performance

YC6T TECHNICAL SPECIFICATIONS

Model	YC6T550L-D20	YC6T600L-D20	YC6T660L-D20	YC6T660L-D21	YC6T700L-D20	YC6T760L-D20	YC6TB830L-D20
Configuration	Vertical, in-line, 6-cylinder, Water-cooled, 4-stroke						
Aspiration	Turbocharged and air to air inter-cooled						
Bore ×Stroke (mm)	145 ×165					152 ×180	
Displacement (L)	16.35					19.59	
Compression ration	15:1						
Prime power/Speed (kW/r/min)	368/1500	401/1500	441/1500	441/1800	468/1500	505/1500	550/1500
Standby power/Speed (kW/r/min)	405/1500	441/1500	485/1500	485/1800	515/1500	556/1500	605/1500
Fuel consumption g/(kW·h)	≤195						
Oil capacity (L)	52						
Oil consumption g/(kW·h)	≤0.5						
Starting method	Electric						
Noise Lw dB(A)	≤102						
Emission	T2						
Applicable altitude (m)	≤2500						
Engine dimension (L×W×H) (mm)	1836 ×1062 ×1600					1836 ×1062 ×1620	
Dry weight (kg)	1980						

YC12VC (1200-1500kW) Series

FEATURES

4-valve with electronic unit pump (EUP) injection system and advanced injector provide better combustion

Dual thermostats with gear driven water pump improve reliability and cooling efficiency

Operator and nature friendly with low noise, rapid start ability and low emissions

High fuel efficiency and low maintenance cost

Reliable cold starts at -25℃ and applicable altitude at ≤2500m without derating

YC12VC TECHNICAL SPECIFICATIONS

Model	YC12C2065L-D20	YC12C2305L-D20	YC12C2470L-D20
Configuration	Vertical, Vee, 12-cylinder, Water-cooled, 4-stroke		
Aspiration	Turbocharged and air to air inter-cooled		
Bore ×Stroke (mm)	200 × 210		
Displacement (L)	79.16		
Compression ration	14.5:1		
Prime power/Speed (kW/r/min)	1380/1500	1540/1500	1650/1500
Standby power/Speed (kW/r/min)	1518/1500	1694/1500	1815/1500
Fuel consumption g/(kW·h)	≤195		
Oil capacity (L)	280		
Oil consumption g/(kW·h)	≤1		
Starting method	Electric		
Noise Lw dB(A)	≤124		
Emission	T2		
Applicable altitude	≤2500		
Engine dimension (L×W×H) (mm)	3285 × 1644 × 2218		
Dry weight (kg)	8300		

YC6C (600-800kW) Series

FEATURES

4-valve and advanced injector provide better combustion

Dual thermostats and gear driven pump improve reliability and cooling efficiency

Operator and nature friendly with low noise, rapid start ability and low emissions

High fuel efficiency and low maintenance cost

Reliable cold starts at -25℃ and applicable altitude at ≤2500m without derating

YC6C TECHNICAL SPECIFICATIONS

Model	YC6C1020L-D20	YC6C1170L-D20	YC6C1320L-D20
Configuration	Vertical, in-line, 6-cylinder, Water-cooled, 4-stroke		
Aspiration	Turbocharged and air to air inter-cooled		
Bore ×Stroke (mm)	200 ×210		
Displacement (L)	39.58		
Compression ration	15:1		
Prime power/Speed (kW/r/min)	680/1500	780/1500	880/1500
Standby power/Speed (kW/r/min)	748/1500	858/1500	968/1500
Fuel consumption g/(kW·h)	≤195		
Oil capacity (L)	180		
Oil consumption g/(kW·h)	≤1.5		
Starting method	Electric		
Noise Lw dB(A)	≤102		
Emission	T2		
Applicable altitude (m)	≤2500		
Engine dimension (L×W×H) (mm)	2979 ×1339 ×2160		
Dry weight (kg)	4300		

YC6MJ (280-300kW) Series

FEATURES

The integrated crankshaft, postposition gear chamber and point-line gear-meshing patent technology reduce noise leve

Wet cylinder liner structure facilitates maintenance and repair

High mean effective pressure and power density

Improved fuel consumption by P7100 fuel pump, P-injector and Honeywell turbocharger

Yuchai sealing technology in piston ring and valve oil seal improves lube oil consumption

High fuel efficiency and low maintenance cost

Reliable cold starts at -25℃ and applicable altitude at ≤2500m without derating

Major overhaul period is more than 12000 hours

YC6MJ TECHNICAL SPECIFICATIONS

Model	YC6MJ480L-D20
Configuration	Vertical, in-line, 6-cylinder, Water-cooled, 4-stroke
Aspiration	Turbocharged and air to air inter-cooled
Bore ×Stroke (mm)	131 ×145
Displacement (L)	11.73
Compression ration	17.5:1
Prime power/Speed (kW/r/min)	321/1500
Standby power/Speed (kW/r/min)	352/1500
Fuel consumption g/(kW·h)	≤195
Oil capacity (L)	28
Oil consumption g/(kW·h)	≤1
Starting method	Electric
Noise Lw dB(A)	≤102
Emission	T2
Applicable altitude (m)	≤2500
Engine dimension (L×W×H) (mm)	1820 ×900 ×1370
Dry weight (kg)	1000

YC6MK (250-280kW) Series

FEATURES

The integrated crankshaft, postposition gear chamber and point-line gear-meshing patent technology reduce noise level

Wet cylinder liner structure facilitates maintenance and repair

High mean effective pressure and power density

Improved fuel consumption by P7100 fuel pump, P-injector and Honeywell turbocharger

Yuchai sealing technology in piston ring and valve oil seal improves lube oil consumption

High fuel efficiency and low maintenance cost

Reliable cold starts at -25℃ and applicable altitude at ≤2500m without derating

Major overhaul period is more than 12000 hours

YC6MKTECHNICAL SPECIFICATIONS

Model	YC6MK420L-D20	YC6MK420L-D21	YC6MK420L-D30
Configuration	Vertical, in-line, 6-cylinder, Water-cooled, 4-stroke		
Aspiration	Turbocharged and air to air inter-cooled		
Bore ×Stroke (mm)	123 ×145		
Displacement (L)	10.34		
Compression ration	17.5:1		
Prime power/Speed (kW/r/min)	281/1500	281/1800	281/1500
Standby power/Speed (kW/r/min)	309/1500	309/1800	309/1500
Fuel consumption g/(kW·h)	≤195		
Oil capacity (L)	28		
Oil consumption g/(kW·h)	≤1		
Starting method	Electric		
Noise Lw dB(A)	≤102		
Emission	T2		T3
Applicable altitude (m)	≤2500		
Engine dimension (L×W×H) (mm)	1640 ×850 ×1510		
Dry weight (kg)	880		

YC6M (160-250kW) Series

FEATURES

The integrated crankshaft, postposition gear chamber and point-line gear-meshing patent technology reduce noise level

Wet cylinder liner structure facilitates maintenance and repair

High mean effective pressure and power density

Improved fuel consumption by P7100 fuel pump, P-injector and Honeywell turbocharger

Yuchai sealing technology in piston ring and valve oil seal improves lube oil consumption

High fuel efficiency and low maintenance cost

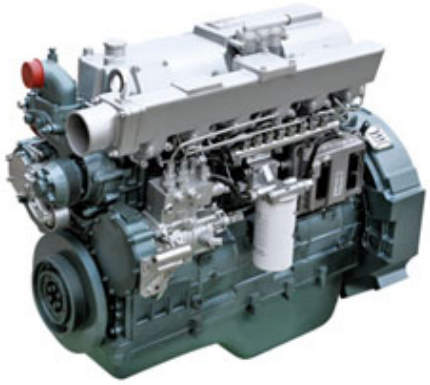
Reliable cold starts at -25℃ and applicable altitude at ≤2500m without derating

Major overhaul period is more than 12000 hours

YC6MKTECHNICAL SPECIFICATIONS

Model	YC6M265Z-D20	YC6M265Z-D20	YC6M265Z-D20	YC6M265Z-D20	YC6M265Z-D20
Configuration	Vertical, in-line, 6-cylinder, Water-cooled, 4-stroke				
Aspiration	Turbocharged	Turbocharged and air to air inter-cooled			
Bore ×Stroke (mm)	120 ×145				
Displacement (L)	9.84				
Compression ration	17.5:1				
Prime power/Speed (kW/r/min)	177/1800	235/1500	240/1800	235/1500	280/1800
Standby power/Speed (kW/r/min)	194.7/1800	258.5/1500	264/1800	258.5/1500	308/1800
Fuel consumption g/(kW·h)	≤200	≤197		≤195	
Oil capacity (L)	28				
Oil consumption g/(kW·h)	≤1				
Starting method	Electric				
Noise Lw dB(A)	≤102				
Emission	T2			T3	
Applicable altitude (m)	≤250				
Engine dimension (L×W×H) (mm)	1680 ×950 ×1440				
Dry weight (kg)	980				

YC6L (160-180kW) Series



FEATURES

The integration of 4-valve, electronic control injection system, Honeywell turbocharger, forced piston cooling and low inertia mini aperture injector improve fuel efficiency

Wet liner with higher bottom support reduces noise level

High fuel efficiency and low maintenance cost

Reliable cold starts at -25℃ and applicable altitude at ≤2500m without derating

Major overhaul period is more than 12000 hours

YC6LTECHNICAL SPECIFICATIONS

Model	YC6L275L-D30
Configuration	Vertical, in-line, 6-cylinder, Water-cooled, 4-stroke
Aspiration	Turbocharged and air to air inter-cooled
Bore ×Stroke (mm)	113 ×140
Displacement (L)	8.42
Compression ration	17.5:1
Prime power/Speed (kW/r/min)	185/1500
Standby power/Speed (kW/r/min)	203/1500
Fuel consumption g/(kW·h)	≤198
Oil capacity (L)	20-22
Oil consumption g/(kW·h)	≤1.5
Starting method	Electric
Noise Lw dB(A)	≤98
Emission	T3
Applicable altitude (m)	≤2500
Engine dimension (L×W×H) (mm)	1440 ×890 ×1395
Dry weight (kg)	850

YC6G (150-160kW) Series

FEATURES

P fuel injection pump and P injector improve combustion and fuel consumption

Yuchai sealing technology in piston ring and valve oil seal reduces the lube oil consumption

High fuel efficiency and low maintenance cost

Reliable cold starts at -25℃ and applicable altitude at ≤2500m without derating

Major overhaul period is more than 12000 hours

YC6GTECHNICAL SPECIFICATIONS

Model	YC6G245L-D20
Configuration	Vertical, in-line, 6-cylinder, Water-cooled, 4-stroke
Aspiration	Turbocharged and air to air inter-cooled
Bore ×Stroke (mm)	112 ×132
Displacement (L)	7.8
Compression ration	16.8:1
Prime power/Speed (kW/r/min)	165/1500
Standby power/Speed (kW/r/min)	181.5/1500
Fuel consumption g/(kW·h)	≤195
Oil capacity (L)	22-25
Oil consumption g/(kW·h)	≤1.2
Starting method	Electric
Noise Lw dB(A)	≤98
Emission	T2
Applicable altitude (m)	≤2500
Engine dimension (L×W×H) (mm)	1480 ×850 ×1175
Dry weight (kg)	720

YC6B (50-120kW) Series

FEATURES

P fuel injection pump and P injector improve combustion and fuel consumption

Yuchai sealing technology in piston ring and valve oil seal reduces the lube oil consumption

Easy operating and nature friendly with low noise and vibration

High fuel efficiency and low maintenance cost

Reliable cold starts at -25℃ and applicable altitude at ≤2500m without derating

Major overhaul period is more than 12000 hours

YC6BTECHNICAL SPECIFICATIONS

Model	YC6B100-D20	YC6B115-D20	YC6B135Z-D20	YC6B130Z-D20	YC6B160Z-D20	YC6B155L-D20	YC6B180L-D20	YC6B210L-D20
Configuration	Vertical, in-line, 6-cylinder, Water-cooled, 4-stroke							
Aspiration	Natural		Turbocharged			Turbocharged and air to air inter-cooled		
Bore ×Stroke (mm)	108 ×125							
Displacement (L)	6.87							
Compression ration	17.5:1							
Prime power/Speed (kW/r/min)	70/1500	77/1800	90/1500	88/1800	107/1800	103/1500	120/1500	140/1800
Standby power/Speed (kW/r/min)	73.5/1500	84.7/1800	99/1500	97/1800	118/1800	113/1500	132/1500	154/1800
Fuel consumption g/(kW·h)	≤205		≤202			≤200		
Oil capacity (L)	14-17							
Oil consumption g/(kW·h)	≤1.5							
Starting method	Electric							
Noise Lw dB(A)	≤102							
Emission	T2							
Applicable altitude (m)	≤2500							
Engine dimension (L×W×H) (mm)	1350 ×785 ×1130							
Dry weight (kg)	630		650			700		

YC6J (120kW) Series

FEATURES

ω-type combustion chamber technology reduces fuel consumption

Yuchai sealing technology in piston ring and valve oil seal reduces the lube oil consumption

Yuchai sealing technology in piston ring and valve oil seal reduces the lube oil consumption

Operator and nature friendly with low noise and vibration

High fuel efficiency and low maintenance cost

Reliable cold starts at -25℃ and applicable altitude at ≤2500m without derating

Major overhaul period is more than 12000 hours

YC6JTECHNICAL SPECIFICATIONS

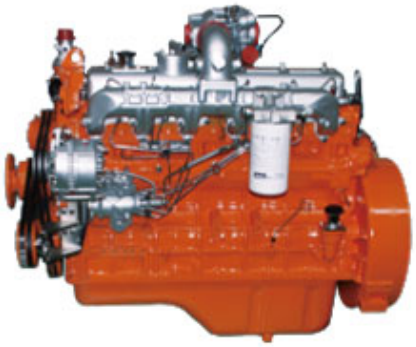
Model	YC6J210L-D30
Configuration	Vertical, in-line, 6-cylinder, Water-cooled, 4-stroke
Aspiration	Turbocharged and air to air inter-cooled
Bore ×Stroke (mm)	105 ×125
Displacement (L)	6.49
Compression ration	16.5:1
Prime power/Speed (kW/r/min)	139/1500
Standby power/Speed (kW/r/min)	153/1500
Fuel consumption g/(kW·h)	≤194
Oil capacity (L)	14-17
Oil consumption g/(kW·h)	≤1.2
Starting method	Electric
Noise Lw dB(A)	≤98
Emission	T3
Applicable altitude (m)	≤2500
Engine dimension (L×W×H) (mm)	1377 ×805 ×1112
Dry weight (kg)	650

YC4G Series

Euro III	Euro IV
ECI fuel system; catalytic converter of post-processing	ECI fuel system; catalytic converter of post-processing
Applicable for 7.8-9m coach	Applicable for 7.8-9m coach

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC4G Series	YC4G180N-30	5.2	Euro III	132/2300	650/1400
	YC4G180N-40		Euro IV	132/2300	650/1400

YC6J Series



Euro III	Euro IV	Euro V
ECI fuel system; catalytic converter of post-processing	ECI fuel system; catalytic converter of post-processing	ECI fuel system; catalytic converter of post-processing
Applicable for 9-10m coach	Applicable for 8.5-10.5m coach, group bus	Applicable for 9-10.5bus or coach

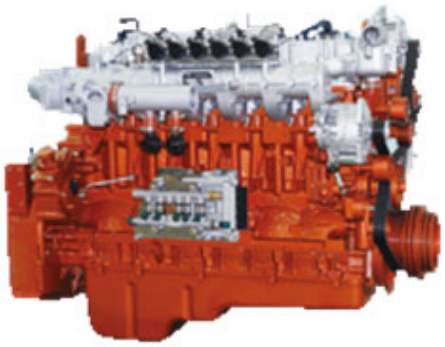
Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6J Series	YC6J190N-30	6.494	Euro III	140/2500	650/1500
	YC6J210N-30			155/2500	710/1500
	YC6J190N-40		Euro IV	140/2500	650/1500
	YC6J210N-40			155/2500	710/1500
	YC6J190N-52		Euro V	140/2500	650/1300-1600
	YC6J210N-52			155/2500	710/1400-1600
	YC6J225N-52			166/2500	750/1400-1600

YC6G Series

Euro III	Euro IV	Euro V
ECI fuel system; catalytic converter of post-processing	ECI fuel system; catalytic converter of post-processing	ECI fuel system; catalytic converter of post-processing
Applicable for 10-12m coach	Applicable for 10-12m bus or group coach	Applicable for 10.5-12m bus, 10.5-11m coach

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6G Series	YC6G230N-30	7.8	Euro III	170/2300	850/1400
	YC6G260N-30			191/2300	980/1400
	YC6G230N-40		Euro IV	170/2300	850/1400
	YC6G260N-40			191/2300	980/1400
	YC6G230N-52		Euro V	170/2300	850/1300-1700
	YC6G250N-52			184/2300	920/1300-1700
	YC6G260N-52			191/2300	950/1300-1700

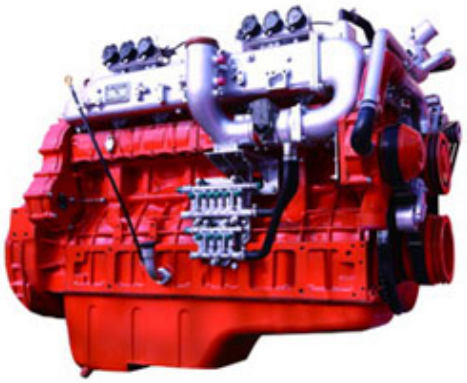
YC6MK Series



Euro IV	Euro V
ECI fuel system; catalytic converter of post-processing	ECI fuel system; catalytic converter of post-processing
Applicable for 12-13.7m high 2, 3 level road coach, double deck bus, BRT coach	Applicable for 12m or longer bus and coach

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6MK Series	YC6MK290N-40	10.338	Euro IV	214/2100	1220/1200-1500
	YC6MK320N-40			236/2100	1300/1200-1500
	YC6MK340N-40			250/2100	1350/1200-1500
	YC6MK375N-40			276/2100	1500/1200-1500
	YC6MK280N-52	10.338	Euro V	206/2100	1150/1200-1500
	YC6MK300N-52			214/2100	1230/1200-1500
	YC6MK320N-52			236/2100	1300/1200-1500
	YC6MK340-52			250/2100	1350/1200-1500
	YC6MK375N-52			276/2100	1500/1200-1500

YC6K Series



Euro IV
ECI fuel system; catalytic converter of post-processing
Applicable for 12-13.7m high 2, 3 level road coach

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6K Series	YC6K380N-40	12.155	Euro IV	280/1900	1500/1000-1500
	YC6K400N-40			294/1900	1700/1000-1500
	YC6K420N-40	12.939		309/1900	1800/1100-1500
	YC6K440N-40			324/1900	1880/1000-1500
	YC6K460N-40			338/1900	1950/1000-1500

YC6J Series

Euro III	Euro IV	Euro V
ECI fuel system; catalytic converter of post-processing	ECI fuel system; catalytic converter of post-processing	ECI fuel system; catalytic converter of post-processing
6×2, 4×2 transporter	6×2, 4×2 transporter	4×2, 6×2 transporter, all kinds of special purpose vehicles

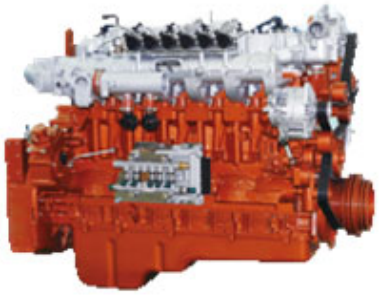
Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6JSeries	YC6J190N-30	6.494	Euro III	140/2500	650/1500
	YC6J210N-30		Euro III	155/2500	710/1500
	YC6J190N-40		Euro IV	140/2500	650/1500
	YC6J210N-40		Euro IV	155/2500	710/1500
	YC6J190N-52		Euro V	140/2500	650/1300-1600
	YC6J210N-52		Euro V	155/2500	710/1300-1600

YC6G Series

Euro III	Euro IV	Euro V
ECI fuel system; catalytic converter of post-processing	ECI fuel system; catalytic converter of post-processing	ECI fuel system; catalytic converter of post-processing
Applicable for transporter with load capacity of 8-14T	Applicable for transporter with load capacity of 8-14T	Applicable for 4×2, 6×2 port tractor

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6GSeries	YC6G230N-30	7.8	Euro III	170/2300	850/1400
	YC6G260N-30		Euro III	191/2300	980/1400
	YC6G230N-40	7.8	Euro IV	170/2300	850/1400
	YC6G260N-40		Euro IV	191/2300	980/1400
	YC6G230N-52	7.8	Euro V	170/2300	850/1300-1700
	YC6G250N-52		Euro V	184/2300	920/1300-1700
	YC6G260N-52		Euro V	191/2300	950/1300-1700

YC6MK Series



Euro IV	Euro V
ECI fuel system; catalytic converter of post-processing	ECI fuel system; catalytic converter of post-processing
Applicable for 4×2, 6×2, 6×4 tractor	Applicable for 6×2, 6×4 tractor, concrete mixer

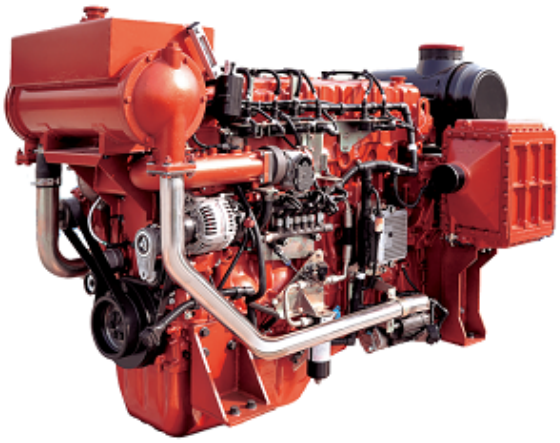
Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6MKSeries	YC6MK290N-40	10.34	Euro IV	214/2100	1220/1200-1500
	YC6MK320N-40		Euro IV	236/2100	1300/1200-1500
	YC6MK340N-40		Euro IV	250/2100	1350/1200-1500
	YC6MK280N-52	10.34	Euro V	206/2100	1150/1200-1500
	YC6MK300N-52		Euro V	214/2100	1230/1200-1500
	YC6MK320N-52		Euro V	236/2100	1300/1200-1500
	YC6MK340N-52		Euro V	250/2100	1350/1200-1500
	YC6MK375N-52		Euro V	276/2100	1500/1200-1500

YC6K Series

Euro IV	Euro V
ECI fuel system; catalytic converter of post-processing	ECI fuel system; catalytic converter of post-processing
Applicable for 6×2, 6×4 tractor	Applicable for 6×2, 6×4 tractor, concrete mixer; 6×4 HD tractor

Type	Model	Displacement (L)	Emission	Rated Power (kw/rpm)	Maximum Torque (Nm/r/min)
YC6KSeries	YC6K380N-40	12.16	Euro IV	280/1900	1620/1100-1500
	YC6K400N-40		Euro IV	294/1900	1700/1100-1500
	YC6K420N-40	12.94	Euro IV	309/1900	1800/1100-1500
	YC6K440N-40		Euro IV	324/1900	1880/1100-1500
	YC6K460N-40		Euro IV	338/1900	1950/1100-1500
	YC6K380N-52	12.94	Euro V	280/1900	1620/1000-1500
	YC6K400N-52		Euro V	294/1900	1700/1000-1500
	YC6K420N-52		Euro V	309/1900	1800/1000-1500
	YC6K440N-52		Euro V	324/1900	1880/1000-1500

Commercial Ship



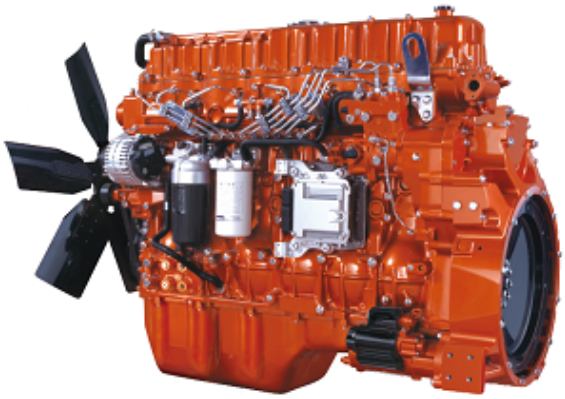
Low gas consumption: uses electronically control single point injection technology, stable and reliable, the lowest gas consumption in whole country;

Low emission to meet EPA3; ;

Wide range of applications: LNG Liquid vessels, LNG Barges, Sand Pumping Ships and Commercial Ships.

Purpose	Series	Model	Rated Power kw	Rated Speed r/min
Marine Gas Generator	K6	YC6J150LN-C20	112	1500
Sand Pumping Gas Engines	K10	YC6K280LN-C20	206	1800
	K12	YC6K360LN-C30	265	1800
	K13	YC6K400LN-G30	294	1800
	K13	YC6K420LN-G30	309	1800
	K13	YC6K400LN-G30	294	1800
Sand Pumping Gas Engines (with chuanjian)	K13	YC6K400LN-C20	294	1800
	K13	YC6K420LN-C20	309	1800
Single fuel ship machine(Electrical driving force)	K12	YC6K320LN-C20	235	1500
Dual fuel ship machine		YC6K320LN-C21	235	1500
Single fuel ship machine(Electrical driving force)	K12	YC6K360LN-C20	264	1500
Dual fuel ship machine		YC6K320LN-C21	264	1500
Single Fuel Diesel Engine	K13	YC6K400LN-C20	294	1800
Dual Fuel Diesel Engine		YC6K400LN-C21	294	1800
Single Fuel Diesel Engine	K13	YC6K420LN-C20	309	1800
Dual Fuel Diesel Engine		YC6K450LN-C21	331	1800

Generatior Engine



Low gas consumption: Electronically controlled single point gas injection, electronically controlled high energy independent ignition, electric booster, rarefied combustion technology application.

High reliability: Imported gas system components; B10 life up to 20,000 hours.

Low noise and environmental protection

Purpose	Series	Model	Standby Power(kw)	Rated Speed	Applicable Power Unit(kw)
LNG power generator	K12	YC6K360LN-D30	265	1500	240
	K13	YC6K400LN-D30	294	1500	260
	K13	YC6K420LN-D30	309	1500	280
Piped gas generatior	K12	YC6K320LN-D31	235	1500	200
	K12	YC6K340LN-D31	250	1500	220
	K13	YC6K360LN-D31	265	1500	240
	K13	YC6K400LN-D31	294	1500	260
CCHP Power	K12	YC6K340LN-D31	250	1500	220
	K13	YC6K380LN-D31	279	1500	250
Biogas power generator	K13	YC6K190N-D20	140	1500	240
	K12	YC6K320LN-D32	235	1500	200
	K13	YC6K360LN-D32	265	1500	240

Mitsubishi Mach-30G Series

Gas Engine Generator						Gas Engine	
Generator Model	Set Power(kW)	Rated Voltage(V)	Fuel Gas ConsumptionKJ/(kW•h)	L×W×H(mm)	Weight(t)	Model	Ignition Mode
MHI Gas Engine Generator 50HZ, 750r/min							
NYLTFG3800-A	3800	6300/10500	≤9000	9760×2900×4910	84	NY12MACH-30G/T	Diesel Light
NYLWFG3450-A	3450	6300/10500	≤9000	9760×2900×4910	84	NY12MACH-30G/W	Diesel Light
NYLTFG4450-A	4450	6300/10500	≤9000	10390×3180×5010	94	NY14MACH-30G/T	Diesel Light
NYLWFG4050-A	4050	6300/10500	≤9000	10390×3180×5010	94	NY14MACH-30G/W	Diesel Light
NYLTFG5100-A	5100	6300/10500	≤9000	10930×3180×5010	104	NY16MACH-30G/T	Diesel Light
NYLWFG4600-A	4600	6300/10500	≤9000	10930×3180×5010	104	NY16MACH-30G/W	Diesel Light
NYLTFG5750-A	5750	6300/10500	≤9000	11470×3180×5010	115	NY18MACH-30G/T	Diesel Light
NYLWFG5200-A	5200	6300/10500	≤9000	11470×3180×5010	115	NY18MACH-30G/W	Diesel Light
60HZ, 720r/min							
NYLTFG3650-A	3650	6300/10500	≤9000	9760×2900×4910	84	NY12MACH-30G/T	Diesel Light
NYLWFG3050-A	2050	6300/10500	≤9000	9760×2900×4910	84	NY12MACH-30G/T	Diesel Light
NYLTFG4250-A	4250	6300/10500	≤9000	10390×3180×5010	94	NY14MACH-30G/T	Diesel Light
NYLWFG3550-A	3550	6300/10500	≤9000	10390×3180×5010	94	NY14MACH-30G/T	Diesel Light
NYLTFG4900-A	4900	6300/10500	≤9000	10930×3180×5010	104	NY16MACH-30G/T	Diesel Light
NYLWFG4090-A	4090	6300/10500	≤9000	10930×3180×5010	104	NY16MACH-30G/T	Diesel Light
NYLTFG5500-A	5500	6300/10500	≤9000	11470×3180×5010	115	NY18MACH-30G/T	Diesel Light
NYLWFG4590-A	4590	6300/10500	≤9000	11470×3180×5010	115	NY18MACH-30G/T	Diesel Light
Gas Engine Generator 50HZ, 1000r/min							

NYLTFG600-A (600QGFA-T)	600	400	≤11000	6365×1800×2975	22	NY6240LD/T (Q6240ZLD-T)	Spark Plug
NYLWFG550-A (550QGFA-W)	550	400	≤11000	6365×1800×2975	22	NY6240LD/W (Q6240ZLD-W)	Spark Plug
NYLTFG800-A	800	400	≤11000	6450×1840×3125	25	NY6280D/T	Spark Plug
NYLWFG700-A	700	400	≤11000	6450×1840×3125	25	NY6280D/W	Spark Plug
NYLTFG1200-A (1200QGFA-T)	1200	400/6300	≤11000	6980×1950×3545	34	NY12V240D/T (Q12V240ZLD-T)	Spark Plug
NYLWFG1100-A (1100QGFA-W)	1100	400/6300	≤11000	6980×1950×3545	34	NY12V240D/W (Q12V240ZLD-W)	Spark Plug
NYLTFG1700-A	1700	6300	≤11000	6865×1980×3765	40	NY12V280D/T	Spark Plug
NYLWFG1600-A	1600	6300	≤11000	6865×1980×3765	40	NY12V280D/W	Spark Plug

Dual-Fuel Engines

Type	Cylinder Arrange	Cylinder Number	Rated Power	Rated Rotation Speed	Consumption	Rate of Subsitution	L×W×H	Weight
280 Dual Fuel Engine								
NY12V280CZ/S NY12V280CD/S	VShape 50°	12	2000-2600	1000	≤10500	80%	4007×1953×2894	21220
NY16V280CZ/S NY16V280CD/S	VShape 50°	16	3000-3600	1000	≤10500	80%	4823×1955×3590	24500
240 Dual Fuel Engine								
NY6240LCZ/S NY6240LCD/S	Inline	6	800-900	1000	≤10500	80%	4070×1803×3492	12500
NY12V240CZ/S NY12V240CD/S	VShape 50°	12	1500-1700	1000	≤10500	80%	4217×1728×2955	17720
NY16V240CZ/S NY16V240CD/S	VShape 50°	16	1800-2200	1000	≤10500	80%	4971×1790×3085	22670
200 Dual Fuel Engine								
NY6200LCZ/S NY6200LCD/S	Inline	6	600-680	1350-1500	≤10500	80%	2939×1262×2142	4300

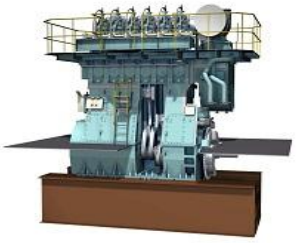
NY Series

Dual Fuel Generator							
Generator Model	Rated Output	Rated Voltage	Consumption	Rate of Substitution	L×W×H	Weight	Model
280 Dual Fuel Generator 50HZ, 1000r/min							
NYSFG2500-A	2500	400/6300	≤10500	80%	7100×2500×3100	40	NY12V280D/S NY12V280CD/S
NYSWFG2400-A	2400	400/6300	≤10500	80%	7100×2500×3100	40	NY12V280D/SCW
NYSFG3100-A	3100	6300/10500	≤10500	80%	7100×2500×3100	48	NY16V280D/S NY16V280CD/S
NYSWFG2950-A	2950	6300/10500	≤10500	80%	7100×2500×3100	48	NY16V280D/SCW
240 Dual Fuel Generator 50HZ, 1000r/min							
NYSFG800-A	800	400	≤10500	80%	6500×1800×2822	22.5	NY6240LD/S NY6240LCD/S
NYSWFG750-A	750	400	≤10500	80%	6500×1800×2822	22.5	NY6240LD/SCW
NYSFG1700-A	1700	400/6300	≤10500	80%	6980×1950×3545	32	NY12V240LD/S NY12V240LCD/S
NYSWFG1600-A	1600	400/6300	≤10500	80%	6980×1950×3545	32	NY12V240LD/SCW
NYSFG2300-A	2300	6300/10500	≤10500	80%	7175×1940×3240	37	NY16V240LD/S NY16V240LCD/S
NYSWF2200-A	2200	6300/10500	≤10500	80%	7175×1940×3240	37	NY16V240LD/SCW

Wartsila Engine

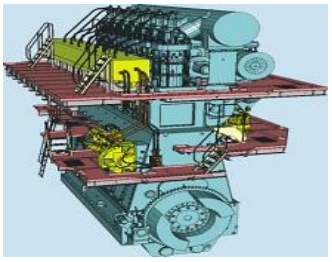
RT-felx48T-D

RT-felx58T-D



RT-flex35&40

RT-flex50-B&-D



RT-flex60C-B

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