

features

30V4

35V4

GENERAL SPECIFICATIONS		
Standard bucket capacity (ISO)	0.09 m ³	0.11 m ³
Standard bucket width	550 mm	600 mm
Machine weight RS/SS* Canopy	3030 / 3080 kg	3450 / 3500 kg
Machine weight RS/SS* Cabin	3180 / 3230 kg	3600 / 3650 kg
Operating weight RS/SS* Canopy	3105 / 3155 kg	3525 / 3575 kg
Operating weight RS/SS* Cabin	3255 / 3300 kg	3675 / 3725 kg
Counterweight weight	200 kg (additional)	-
Transport dimensions	4440 x 1550 x 2480 mm	4750 x 1550 x 2470 mm
Gradeability	30°	30°
Ground contact pressure (Cabin)	29.0 kPa (0.30 kgf / cm ²)	31.0 kPa (0.32 kgf / cm ²)
Minimum ground clearance	310 mm	255 mm
* RS/SS Rubber Shoe/Steel Shoe		
ENGINE		
Model	Yanmar 3TNV88	Yanmar 3TNV88
N° cylinders and displacement	3 / 1642 cc direct injection	3 / 1642 cc direct injection
Bore for stroke	88 x 90 mm	88 x 90 mm
Rated output (ISO 1585)	17.5 kW a 2200 rpm	17.5 kW a 2200 rpm
Fuel consumption	238 g / kWh	238 g / kWh
Engine oil pan capacity	6.7 L (Maximum level)	6.7 L (Maximum level)
ELECTRICAL SYSTEM		
Voltage	12 V	12 V
Battery	12 V - 55 Ah	12 V - 55 Ah
Alternator	12 V - 40 A	12 V - 40 A
Starter motor	12 V - 1.7 kW	12 V - 1.7 kW
HYDRAULIC SYSTEM		
Pumps maximum flow rate	37.4 L / min x 2 + 23.1 L / min	37.4 L / min x 2 + 23.1 L / min
Max Pressure / Setting	24.5 Mpa (250 kgf / cm ²)	24.5 Mpa (250 kgf / cm ²)
Control	hydraulic remote control	hydraulic remote control
DOUBLE ACTION HYDRAULIC CIRCUIT FOR ACCESSORIES		
Maximum flow rate	60.0 L / min	60.0 L / min
Max. setting pressure	24.5 Mpa (250 kgf / cm ²)	24.5 Mpa (250 kgf / cm ²)
END-OF-STROKE CUSHIONING		
boom cylinder	rod fully extended	rod fully extended
arm cylinder	rod fully retracted	rod fully retracted
SLEWING SYSTEM		
Slewing speed	9 min ⁻¹	9 min ⁻¹
Upper structure braking	automatic multi-disc brake	automatic multi-disc brake
BUCKET PERFORMANCE		
Max bucket digging force (ISO 6015)	29.1 kN (2970 kgf)	29.1 kN (2970 kgf)
Max arm digging force (ISO 6015)	18.1 kN (1850 kgf)	17.1 kN (1743 kgf)
LOWER FRAME		
Undercarriage gauge	1550 mm	1550 - 1800 mm
Undercarriage length	2100 mm	2260 mm
Tracks width	300 mm	300 mm
Lower/upper rollers	4 / 1	4 / 1
Track tension	tension spring and grease cylinder	tension spring and grease cylinder
Blade dimensions (width x height)	1550 mm x 380 mm	1550 mm x 380 mm
Lift above ground	375 mm	385 mm
Drop below ground	440 mm	430 mm
TRAVEL SYSTEM		
Travel speed (1st/ 2nd)	2.7 / 4.7 km / h	2.7 / 4.7 km / h
CAPACITY		
Fuel Tank Capacity	42 L	42 L
Hydraulic reservoir capacity	33 L	33 L
Hydraulic circuit total capacity	50 L	50 L
Engine coolant	4.5 L	4.5 L
ARM SWING SYSTEM		
Right swing angle	80°	80°
Left swing angle	50°	50°
OTHER DATA		
Sound power level LWA (2000/14/EC)	94 dB	94 dB

45V4	55V4	60V4	85V4
0.14m ³	0.16 m ³	0.18 m ³	0.25 m ³
600 mm	650 mm	700 mm	760 mm
4630 / 4670 kg	4990 / 5030 kg	5350 / 5390 kg	-
4780 / 4820 kg	5140 / 5180 kg	5500 / 5540 kg	8440 / 8490 kg
4705 / 4745 kg	5065 / 5105 kg	5425 / 5465 kg	-
4855 / 4895 kg	5215 / 5255 kg	5575 / 5615 kg	8515 / 8550 kg
290 kg (additional)	-	-	340 kg
5280 x 1990 x 2570 mm	5370 x 1990 x 2570 mm	5520 x 1990 x 2570 mm	6050 x 2200 x 2630 mm
30°	30°	30°	30°
28.0 kPa (0.29 kgf / cm ²)	30.0 kPa (0.31 kgf / cm ²)	32.0 kPa (0.33 kgf / cm ²)	41.0 kPa (0.42 kgf / cm ²)
320 mm	320 mm	320 mm	350 mm
Kubota V2403-DI-EDM	Kubota V2403-DI-EDM	Kubota V2403-DI-EDM	Yanmar 4TNV98C VIK
4 / 2434 cc direct injection	4 / 2434 cc direct injection	4 / 2434 cc direct injection	4 / 3318 cc direct injection
87 x 102.4 mm	87 x 102.4 mm	87 x 102.4 mm	98 x 110 mm
32.4 kW a 2400 rpm	32.4 kW a 2400 rpm	32.4 kW a 2400 rpm	42.7 kW a 2100 rpm
252 g / kWh	252 g / kWh	252 g / kWh	236 g / kWh
9.7 L (Maximum level)	9.7 L (Maximum level)	9.7 L (Maximum level)	10.2 L (Maximum level)
12 V	12 V	12 V	12 V
12 V - 92 Ah	12 V - 92 Ah	12 V - 92 Ah	12 V - 72 Ah
12 V - 40 A	12 V - 40 A	12 V - 40 A	12 V - 40 A
12 V - 2.0 kW	12 V - 2.0 kW	12 V - 2.0 kW	12 V - 3.0 kW
60 L / min x 2 + 44.2 L / min	60 L / min x 2 + 44.2 L / min	60 L / min x 2 + 44.2 L / min	75.6 L / min x 2 + 54.2 L / min
24.5 Mpa (250 kgf / cm ²)	24.5 Mpa (250 kgf / cm ²)	24.5 Mpa (250 kgf / cm ²)	24.5 Mpa (250 kgf / cm ²)
hydraulic remote control	hydraulic remote control	hydraulic remote control	hydraulic remote control
60.0 L / min	60.0 L / min	60.0 L / min	75.6 L / min
24.5 Mpa (250 kgf / cm ²)	24.5 Mpa (250 kgf / cm ²)	24.5 Mpa (250 kgf / cm ²)	24.5 Mpa (250 kgf / cm ²)
rod fully extended	rod fully extended	rod fully extended	rod fully extended
rod fully retracted	rod fully retracted	rod fully retracted	rod fully retracted
9.3 min ⁻¹	9.3 min ⁻¹	9.3 min ⁻¹	9.0 min ⁻¹
automatic multi-disc brake	automatic multi-disc brake	automatic multi-disc brake	automatic multi-disc brake
31 kN (3160 kgf)	31 kN (3160 kgf)	41.2 kN (4200 kgf)	55.0 kN (5610 kgf)
24.2 kN (2470 kgf)	21.7 kN (2210 kgf)	24.0 kN (2450 kgf)	39.0 kN (3980 kgf)
1990 mm	1990 mm	1990 mm	2200 mm
2490 mm	2490 mm	2490 mm	2730 mm
400 mm	400 mm	400 mm	450 mm
4 / 1	4 / 1	4 / 1	5 / 1
tension spring and grease cylinder	tension spring and grease cylinder	tension spring and grease cylinder	tension spring and grease cylinder
1990 mm x 385 mm	1990 mm x 385 mm	1990 mm x 385 mm	2200 mm x 500 mm
460 mm	460 mm	460 mm	420 mm
430 mm	430 mm	430 mm	440 mm
2.9 / 4.6 km / h	2.9 / 4.6 km / h	2.9 / 4.6 km / h	2.5 / 4.4 km / h
66 L	66 L	66 L	110 L
56 L	56 L	56 L	75 L
75 L	75 L	75 L	125 L
10.1 L	10.1 L	10.1 L	11 L
80°	80°	80°	80°
50°	50°	50°	50°
97 dB	97 dB	97 dB	98 dB