

features

	105	105EP
FLOW RATE		
Carico operativo	500 kg	400 kg
FEATURES AND DIMENSIONS		
Width (fixed undercarriage)	690 mm	690 mm
Width (variable undercarriage)	-	-
Undercarriage length	1215 mm	1215 mm
Length with skip/shovel	1586 mm	1653 mm
Height to controls	1132 mm	1132 mm
Minimum ground clearance	75 mm	75 mm
Track tensioner	a molla	spring
Rollers per side	3	3
Width of rubber tracks	180 mm	180 mm
Length of tracks	1120 mm	1120 mm
ENGINE		
Engine options - Power rating	Honda GX200 petrol (4.7 kW / 3600 rpm)	DC, continuous duty, ventilated, electronically controlled (2.2 kW / 2500 rpm)
-	-	-
-	-	-
-	-	-
Travel speeds 1°-2°	2.5 km / h	1.7 / 2 km / h (normal / fast)
Max allowed slope when empty	20° - 36%	20° - 36%
Max allowed slope when loaded	11° - 20%	11° - 20%
HYDRAULIC SYSTEM		
Controls	DCS (Direct Control System)	DCS (Direct Control System)
Variable displacement pumps	-	-
Variable capacity set pressure	-	-
Fixed displacement gear pumps	10 L / min x 2 + 7,5 L / min	9 L / min x 2
Set pressure	13.7 MPa (140 kgf / cm ²)	13,7 MPa (140 kgf / cm ²)
Hydraulic tank capacity	15 L	15 L
System capacity	-	-
Auxiliary one-way power take-off (Std)	-	-
Auxiliary one-way Hi Flow power take-off (Opt)	-	-
Aux. two-way power take-off (Std)	-	-
Traction motor	Orbital	Orbital
ELECTRICAL SYSTEM		
Lithium-Iron-Phosphate	-	Lithium-Iron-Phosphate (Li-Fe-PO ₄) 90 Ah 36V rated
Battery charger	-	on board
Charge time	-	1 h 60% 3 h 100% with equalisation
Battery life *	-	2h e 30min
Battery life indicator	-	residual and diagnostics
Speed control	-	electronic
ACCESSORIES		
Skip capacity	0,22 m ³	0,22 m ³
Self-loading shovel	double arm	double arm
Loading bed (sides closed) dim. L x P x H	900 x 620 x 200 mm	900 x 620 x 200 mm
Loading bed (sides open) dim. L x P	1120 x 1150 mm	1120 x 1150 mm
Trilateral unloading bed	-	-
Total concrete mixer kit volume	-	-
Total concrete mixer kit yield	-	-
Self-loading shovel for concrete mixer	-	-
Levelling blade / snow plough (width)	-	-
Levelling blade tilt	-	-
WEIGHT		
Basic machine without accessories	240 kg	325 kg
Plus/E petrol machine	-	-
13CV AE Plus/E petrol machine	-	-
AE Plus/E diesel machine	-	-
AE diesel basic machine	-	-
Skip / with self-loading shovel	50 / 105 kg	50 / 105 kg
Skip/shovel operating weight (excluding operator)	-	430 kg
Concrete mixer kit / with self-loading shovel	-	-
Hi-Tip kit with skip and self-loading shovel	-	-
Bed with opening sides	65 kg	-
Trilateral unloading bed	-	-
Levelling blade	-	-
APPLICABLE TOOLS (WITH HI-FLOW VERSION)		
-	-	-
-	-	-
-	-	-

* Battery life is measured with a KATO IMER standard cycle consisting in uninterrupted operation at "NORMAL" speed, ambient temperature 18°/20°C, driving on slightly sloping compacted ground.

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107HT

110

700 kg	700 kg	1000 kg
760 mm	760 mm	900 mm
760 / 1060 mm	760 / 1060 mm	-
1400 mm	1400 mm	1650 mm
1820 / 2480 mm	1820 / 2590 mm	1915 / 2670 mm
1320 mm	1320 mm	1320 mm
100 mm	100 mm	160 mm
a molla	a molla	a molla
4	4	4
180 mm	180 mm	200 mm
1250 mm	1250 mm	1450 mm
Honda GX270 petrol (6.3 kW / 3600 rpm)	Honda GX270 petrol (6.3 kW / 3600 rpm)	Yanmar TNM68 diesel (14.4 KW / 3600 rpm) ISO 3046
Honda GX270-AE, petrol (6.3 kW / 3600 rpm)	Honda GX270-AE, petrol (6.3 kW / 3600 rpm)	-
Honda GX390-AE, petrol (8.7 kW / 3600 rpm)	Honda GX390-AE, petrol (8.7 kW / 3600 rpm)	-
Yanmar L100N-AE, diesel (7.4 kW / 3600 rpm)	Yanmar L100N-AE, diesel (7.4 kW / 3600 rpm)	-
2.3 / 3.2 km / h (1° / 2°)	2.3 / 3.2 km / h (1° / 2°)	2,6 / 4 km / h (1° / 2°)
20° - 36%	20° - 36%	20° - 36%
11° - 20%	7° - 12%	11° - 20%
DCS (Direct Control System)	DCS (Direct Control System)	Servo-assisted hydraulic control
-	-	2 x 25.2 L / min
-	-	21.6 MPa (220 kgf / cm ²)
14 L / min x 3	14 L / min x 3	16.2 + 12.2 L / min
13.7 MPa (140 kgf / cm ²)	13.7 MPa (140 kgf / cm ²)	2 x 16.7 MPa (170 kgf / cm ²)
17 L	17 L	19 L
22 L	22 L	25 L
14 L / min - 13.7 MPa (140 kgf / cm ²)	14 L / min - 13.7 MPa (140 kgf / cm ²)	-
26 L / min - 13.7 MPa (140 kgf / cm ²)	26 L / min - 13.7 MPa (140 kgf / cm ²)	-
-	-	26 L / min - 14.7 MPa (150 kgf / cm ²)
Orbital	Orbital	Self-braking (parking) driving wheel (axial motor + reducer)
12V - 60 Ah	12V - 60 Ah	12V - 60 Ah
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
0.33 m ³	0.33 m ³	0.42 (0.50) m ³
double arm	double arm	double arm
990 x 790 x 200 mm	990 x 790 x 200 mm	1500 x 1000 x 350 mm
1240 x 1290 mm	1240 x 1290 mm	-
-	-	1300 x 970 x 350 mm
250 L	250 L	350 L
190 L	190 L	280 L
opt with concrete mixer	opt with concrete mixer	opt with concrete mixer
1250 mm	1250 mm	-
30°	30°	-
430 kg	430 kg	690 kg
430 / 495 kg	430 / 495 kg	-
450 / 515 kg	450 / 515 kg	-
485 / 550 kg	485 / 550 kg	-
485 kg	485 kg	690 kg
65 / 130 kg	65 / 130 kg	140 / 210 kg
-	-	-
120 / 170 kg	120 / 170 kg	178 / 278 kg
-	295 kg	-
80 kg	80 kg	240 kg
-	-	-
120 kg	120 kg	-
Demolition hammer	Demolition hammer	-
Hydraulic drill	Hydraulic drill	-
Dirty water pump	Dirty water pump	-