

features

CARRY105

CARRY105ep

CAPACITY

Payload capacity	500 kg	400 kg
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DIMENSIONS

Width with fixed undercarriage	690 mm	690 mm
Width with variable gauge undercarriage	-	-
Undercarriage length	-	-
Length with bucket	1586 mm	1653 mm
Height to controls	1132 mm	1132 mm
Minimum ground clearance	-	-
Turning radius	-	-
Track tensioner	-	spring
Dimensions of tracks	-	180 x 34 x 72
Rollers per side	-	3
Width of rubber tracks	180 mm	180 mm
Length of tracks	1141 mm	1141 mm

ENGINE

Engine options - Power rating	Honda GX200, petrol - 4.7 kW / 6.5 HP a 3600 rpm	DC, continuous duty, ventilated, electronically controlled - 2.2 kW a 2500 g/min
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Travel speeds 1°-2°	2.5 km/h	1.7 / 2 km/h (normal / fast)
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HYDRAULIC CONTROL SYSTEM

Controls	DCS (Direct Control System)	-
Variable displacement pumps	-	-
Set pressure	-	-
Fixed displacement gear pumps	10 lt / min x 2 + 7.5 lt / min	-
Set pressure	13.7 MPa (140 kgf / cm ²)	-
Pump capacity	-	2 x 9 l/1'
Pressure	-	140 bar
Hydraulic reservoir capacity	15 lt	15 lt
Hydraulic system capacity	-	-
Aux. power take-off Unidirectional (Std)	-	-
Aux. power take-off Hi Flow unidirectional (Opt)	-	-
Aux. power take-off bidirectional (Std)	-	-
Traction motor	Orbital	-

ELECTRICAL SYSTEM

Batteries	-	Lithium-Iron-Phosphate (Li-Fe-PO ₄) 90 Ah 36V nominal
Battery charger	-	on board
Charge time	-	1 h 60% 3 h 100% with equalisation
Autonomy*	-	2h e 30min
Residual autonomy	-	indication and diagnostics
Speed control	-	electronic

ACCESSORIES

Tipping bucket capacity	0.22 m ³	0.22 m ³
Self-loading shovel	double arms	-
Dump platform (sides closed) dim. LxDxH	920 x 590 x 200 mm	-
Dump platform (sides open) dim. LxDxH	-	-
Trilateral unloading bed	-	-
Concrete mixer kit total volume	-	-
Concrete mixer kit production volume	-	-
Self-loading shovel for concrete mixer	-	-
Width of levelling blade	-	-
Levelling blade tilt angle	-	-
Multifunction arm	-	-

WEIGHT

Machine standard without accessories	240 kg	-
Plus/E petrol machine	-	-
13HP AE Plus/E petrol machine	-	-
AE Plus/E diesel machine	-	-
AE diesel basic machine	-	-
Tipping bucket / with self-loading shovel	50 / 105 kg	-
Operating weight tipping bucket-shovel (without operator)	-	430 kg
Concrete mixer kit / with self-loading shovel	-	-
Kit Hi-Tip with tipping bucket and self-loading shovel	-	-
Dump platform with opening sides	65 kg	-
Levelling blade	-	-

APPLICABLE TOOLS (WITH HI-FLOW VERSION)

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

CARRY107**CARRY107ht****CARRY110**

700 kg	700 kg	1000 kg
760 mm	760 mm	900 mm
760 / 1060 mm	760 / 1060 mm	-
-	-	1650 mm
1820 / 2480 mm	1820 / 2480 mm	-
1320 mm	1320 mm	1320 mm
100 mm	100 mm	160 mm
910 mm	910 mm	950 mm
spring	spring	spring
-	-	-
4	4	4
180 mm	180 mm	200 mm
1250 mm	1250 mm	1450 mm
Honda GX270, petrol - 8 HP at 3600 rpm	Honda GX270, petrol - 8 HP at 3600 rpm	Yanmar TNM68 diesel - 14.4 KW / 19.7 HP - 3600 rpm ISO 3046
Honda GX270-AE, petrol - 8 HP at 3600 rpm	Honda GX270-AE, petrol - 8 HP at 3600 rpm	
Honda GX390-AE, petrol - 8 HP at 3600 rpm	Honda GX390-AE, petrol - 8 HP at 3600 rpm	
Yanmar L100N-AE, Diesel - 9.9 HP at 3600 rpm 2.3 / 3.2 km/h (1° / 2°)	Yanmar L100N-AE, Diesel - 9.9 HP at 3600 rpm 2.3 / 3.2 km/h (1° / 2°)	2.6 / 4 km/h (1° / 2°)
DCS (Direct Control System)	DCS (Direct Control System)	Servo-assisted hydraulic command
-	-	2 x 25.2 lt / min
-	-	21.6 MPa (220 kgf / cm ²)
14 lt / min x 3	14 lt / min x 3	17.2 + 11.5 lt / min
13.7 MPa (140 kgf / cm ²)	13.7 MPa (140 kgf / cm ²)	14.7 MPa (150 kgf / cm ²) +16.7 MPa (170 kgf / cm ²)
-	-	-
-	-	-
17 lt	17 lt	19 lt
22 lt	22 lt	25 lt
14 lt / min - 13.7 MPa (140 kgf / cm ²)	14 lt / min - 13.7 MPa (140 kgf / cm ²)	-
26 lt / min - 13.7 MPa (140 kgf / cm ²)	26 lt / min - 13.7 MPa (140 kgf / cm ²)	-
-	-	26 lt / min - 14.7 MPa (150 kgf / cm ²)
Orbital	Orbital	Driving wheel (axial motor + reducer)
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
0.33 m ³	0.33 m ³	0.42 (0.50) m ³
-	-	-
990 x 790 x 200 mm	990 x 790 x 200 mm	-
1240 x 1290 x 200 mm	1240 x 1290 x 200 mm	-
-	-	1300 x 970 x 300 mm
250 lt	250 lt	350 lt
190 lt	190 lt	280 lt
opt with concrete mixer	opt with concrete mixer	opt with concrete mixer
1250 mm	1250 mm	-
30°	30°	-
-	-	pallet fork; bucket; hammer; sweeper; grass cutter
-	-	-
430 / 480 kg	430 / 480 kg	-
450 / 500 kg	450 / 500 kg	-
472 / 522 kg	472 / 522 kg	-
-	-	690 kg
60 / 130 kg	60 / 130 kg	140 / 197 kg
-	-	-
120 / 170 kg	120 / 170 kg	178 / 278 kg
230 kg	230 kg	-
75 kg	75 kg	240 kg
120 kg	120 kg	-
Demolition hammer	Demolition hammer	-
Hydraulic drill	Hydraulic drill	-
Dirty water pump	Dirty water pump	-