

TECHNICAL DATA

	Carry105E-Power	Carry107E-Power
OPERATING LOAD		
Operating load	500kg	700kg
FEATURES AND DIMENSIONS		
Width (fixed undercarriage)	690 mm	760 mm
Width (sottocarro esp.) (*)		760 / 1060 mm (*)
Undercarriage length	1215 mm	1400 mm
Length with skip/shovel	1586 mm	1820 / 2480 mm
Height to controls	1132 mm	1320 mm
Minimum ground clearance	75 mm	100 mm
Crawler tensioning system	spring	spring
Rollers per side	3	4
Rubber shoes width	180 mm	180 mm
Track length	1120 mm	1250 mm
ENGINE		
Engine model	Dellorto E-Power 105	Dellorto E-Power 105
Power rating	3 kW (Peak) / 3000 rpm	3 kW (Peak) / 3000 rpm
Travel speed (1° - 2°)	2 km / h	2/2,8 km / h
Maximum allowed slope when empty (guided with pedestrian operator, where applicable)	20° - 36%	20° - 36%
Maximum allowed slope when empty (guided with pedestrian operator, where applicable)	11° - 20%	11° - 20%
HYDRAULIC SYSTEM		
Controls DCS	DCS (Direct Control System)	DCS (Direct Control System)
Variable displacement pumps (displacement - flow)	-	-
Variable displacement set pressure	-	-
Gear pumps (displacement - flow)	10 L / min x 2 + 7,5 L / min	14 L / min x 3
Set pressure	13,7 MPa (140 kgf / cm ²)	14,6 MPa (150 kgf / cm ²)
Hydraulic tank capacity	15 L	17 L
System capacity	-	22 L
Auxiliary one-way power take-off (Std)	-	14 L / min - 13,7 MPa (140 kgf / cm ²)
Auxiliary one-way Hi Flow power take-off (Opt)	-	26 L / min - 13,7 MPa (140 kgf / cm ²)
Aux. two-way power take-off (Std)	-	-
Traction motor	Geroler	Geroler
ELECTRICAL SYSTEM		
Batteries specifications	Lithium-Iron-Phosphate (Li-Fe-PO ₄) 40Ah 48V rated (STD 1 battery)	Lithium-Iron-Phosphate (Li-Fe-PO ₄) 80Ah 48V rated (STD 2 batteries)
Battery charger	Portable 20A/48V	Portable 20A/48V
Charge time	2h	2h
Battery duration	1h15min	2h
Speed control	3 speed selector	3 speed selector
ACCESSORIES		
Skip capacity (struck / heaped)	0,22 m ³	0,33 m ³
Self-loading shovel	double arm (opt)	double arm (opt)
Loading bed (sides closed) dim. L x P x H	900 x 620 x 200 mm	990 x 790 x 200 mm
Loading bed (sides open) dim. L x P	1120 x 1150 mm	1240 x 1290 mm
Concrete mixer kit total volume	-	250 L
Concrete mixer kit total yield	-	190 L
Self-loading shovel for concrete mixer	-	opt with concrete mixer
Levelling blade / snow plough (width)	-	1250 mm
Levelling blade tilt	-	30°
WEIGHTS		
Basic machine without accessories	240 kg	430 kg
Machine with skip	290 kg	495 kg
Machine with skip and shovel	345 kg	560 kg
Machine with concrete mixer	-	550 kg
Machine with concrete mixer and shovel	-	600 kg
skip / with self-loading shovel	50 / 105 kg	65 / 130 kg
Concrete mixer kit / with self-loading shovel	-	120/ 170 kg
Bed with opening sides	65 kg	80 kg