

FLAT BED TRACTORS SFT-180

CE Approved

Capacity 6,486 kg / 14,300 lb



SPECIFICATIONS

ENGINE	
Type and make	Caterpillar C6.6 ACERT
Net flywheel power (DIN 6270)	142 kW / 193 HP
Governed speed	2,000 g/min
Possible alternative engine	DEUTZ/CUMMINS

TRANSMISSION	
Type	Hydrostatic
Motors	(HYDROMATIC) two motors with axial pistons disappearing into the tracks frame
Brakes	Integrated negative control
Final drives	Epicycloidal oil soaked
Maximum speed:	
1st	2.6 Mp/h - 4.2 km/h
2nd	5.7 Mp/h - 9.2 km/h

TRACK FRAME	
Rollers leaning on tracks	7 per side
Rollers supporting the tracks	2 per side
Gauge	75 inches / 1,900 mm
Length of the track on the ground	118 inches / 3,000 mm
Track shoes	48 per side
Standard shoes width	22 inches / 550 mm
Ground contact area	13,500 sq inches / 33,000 cm ²
Pressure on the ground	0.66 lb/sq inches / 0.30 kg/cm ²

ELECTRIC SYSTEM	
Operating voltage	24 V
Maintenance free supplied batteries	1
- Capacity (total)	160 Ah
Starter capacity	7.5 Kw
Alternator	55 A

SERVICE REFILL CAPACITIES	
Fuel tank	42 U.S. gal / 160 liters
Hydraulic system circuit	37 U.S. gal / 140 liters

HYDRAULIC SYSTEM	
Main pumps:	(MANNESMANN) two independent variable pumps
- maximum capacity	105 U.S. gal/min - 396 liters/min
- maximum operating pressure	5090 p.s.i. - 420 bar
Service pumps:	SAE "A" standard
- maximum capacity	5.8 U.S. gal/min - 22 liters/min
- maximum operating pressure	2900 p.s.i. - 200 bar
OPTIONAL	
Type	MAXILIFT 040.3C
Maximum lifting capacity	42 KNm
Optional	HIAB knuckle boom 088.B3
Maximum Lifting Capacity	71 KNm

CONTROLS	
Type	Pilot operated
Lever to control the travel of the tracks	1
Throttle lever	1
Safety lever completely bypassing the control hydraulic system	1

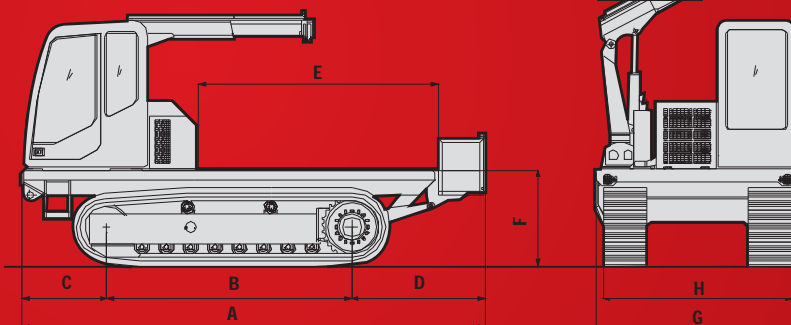
FLAT BED	
Dimension	3700x2500
Area	100 sq ft - 9.25 m ²
Twist-lock no (as request)	4

PULL HOOK	
Maximum allowed pull	
- front	24,400 lb - 110 KN
- rear	24,400 lb - 110 KN

OPTIONAL HYDRAULIC BOOM	
Type	MAXILIFT 040.3C
Maximum lifting capacity	42 KNm
Optional	HIAB knuckle boom 088.B3
Maximum Lifting Capacity	71 KNm

DIMENSIONS

OPERATING WEIGHT 12,973 kg - 28,600 lb



A	6.5 m / 21.3'
B	3.03 m / 9.9'
C	1.39 m / 4.6'
D	2.08 m / 6.8'
E	3.7 m / 12.2'
F	1.18 m / 3.8'
G	2.5 m / 8.2'
H	2.34 m / 7.7'



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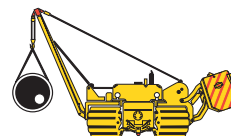
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