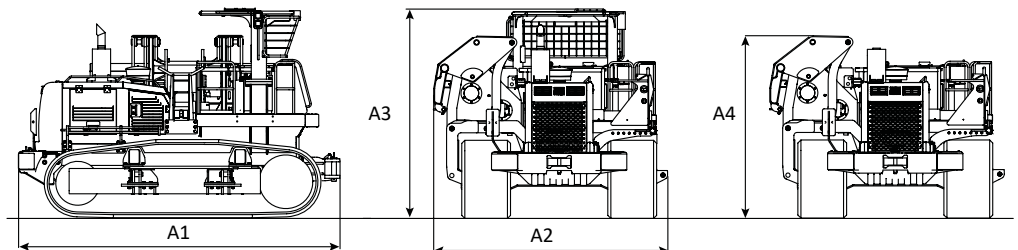


TRANSPORT DIMENSIONS AND WEIGHT

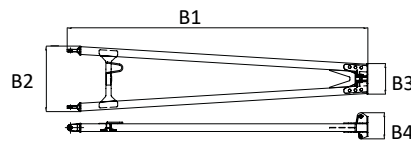
Basic Machine:

A1: 5575 mm / 219.5in
 A2: 3656 mm / 144 in
 With ROPS/FOPS
 A3: 3434 mm / 135 in
 Weight: 32350 kg / 71320 lb
 Without ROPS/FOPS
 A4: 2990mm/ 118 in
 Weight: 31670kg /69820 lb



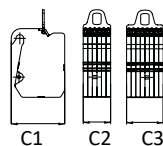
Boom:

B1: 7765 mm / 306 in
 B2: 1692 mm / 66 in
 B3: 790 mm / 31 in
 B4: 675 mm / 27 in
 Weight: 1600kg / 3527 lb



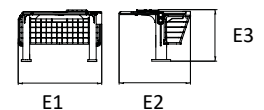
Counterweight:

C1: 935 mm / 37 in
 C2: 480 mm / 19 in
 C3: 640 mm / 25 in
 Weight: 3050 kg / 6724 lb
 Weight: 4600 kg / 10141 lb



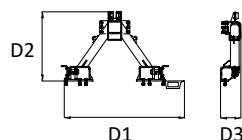
ROPS/FOPS Structure:

E1: 1948 mm / 76.6 in
 E2: 1663 mm / 65.4 in
 E3: 1202 mm / 47.3 in
 Weight: 550 kg / 1212 lb



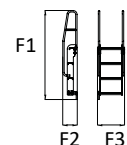
Frame:

D1: 1764 mm / 70 in
 D2: 1209 mm / 48 in
 D3: 355 mm / 14 in
 Weight: 350 kg / 771 lb



Ladder:

F1: 2075 mm / 82 in
 F2: 339 mm / 13 in
 F3: 630 mm / 25 in
 Weight: 80 kg / 176 lb



ENGINE

EMISSION US EPA&CARB Tier 4 FINAL / EU Stage IV	
Type	Caterpillar
Model	C9.3 ACERT
Net flywheel power (DIN 6270-SAEJ 1349)	350 hp - 261 kW
Governed speed	2100 rpm
Displacement:	9.3 l

EMISSION US EPA&CARB Tier 4 FINAL / EU Stage V	
Type	Caterpillar
Model	C9.3B ACERT
Net flywheel power (DIN 6270-SAEJ 1349)	375 hp - 280 kW
Governed speed	2100 rpm
Displacement	9.3 l

HYDRAULIC SYSTEM

<u>Main Pumps</u>	
Bosch Rexroth n°2 independent variable displacement	
Maximum flow	2 X 305 l/min
Maximum operating pressure:	420 bar
Bosch Rexroth axial piston variable displacement	
Maximum flow	315 l/min
Maximum operating pressure:	340 bar

<u>Service Pumps</u>	
Tandem gear	
Maximum flow	50 l/min
Maximum operating pressure:	230 bar

TRANSMISSION

Type	Hydrostatic closed circuit
Brakes	2 Integrated negative control
Final Drive	Planetary, in oil bath
Max. Speed	3 km/h - 2,9 mph
Max. Speed	8.3 km/h - 5,2 mph

PERFORMANCE

Operating weight	41.650 kg - 91,823 lb
Transport weight	31.670 kg - 69,820 lb

CONTROLS

Type:	Dual steering
Safety controls	Emergency shut-off
TS System: two steering system to provide with other two levers to drive the track independently in order to guarantee small and precise movement.	

TRACKED CARRIAGE

Type	Hard track frame with sealed and lubricated chain
Bottom Rollers	9 Per Side
Top Rollers	2 Per Side
Track Gauge	2.400 mm - 94,5 in
Pitch	3.420 mm - 134,6 in
Shoe Material	Steel
Shoe Width	800 mm - 31,5 in
Area In Contact With Ground	54.700 cm ² - 8480 Sq.in
Specific Pressure On Ground	0.76 Kg/cm ² - 10,8 lb/Sq.in

Optional

Shoe Width	750 mm - 30 in
Area In Contact With Ground	51.300 cm ² - 8076 Sq.in
Specific Pressure On Ground	0.81 Kg/cm ² - 11,4 lb/Sq.in

FLUID CAPACITIES

Fuel tank	490 l - 130 U.S.gal
Def tank	34.5 l - 9,1 U.S.gal
Hydraulic oil system	210 l - 55 U.S.gal
Cooling system	45 l - 12 U.S.ga
Engine oil	27 l - 7 U.S.ga
Final drives each	12.5 l - 6,6 U.S.gal

ELECTRIC SYSTEM

Operating voltage:	24 V
Battery	2
Capacity (total):	180 Ah
Starter capacity:	7,5 kW
Alternator:	55 A

PIPELAYING EQUIPMENT

HYDRAULIC WINCHES

Hydraulic controlled drums (reversible), driven by variable flow hydraulic pump and control block valve in open circuit.	
Type	
Final drive	Compact hydrostatic drive unit tree-stage planetary gear.
Brakes	Integrated multiple disk, spring applied hydraulic released.

CONTROLS

Hydraulic controlled drums (reversible.) Driven by variable flow hydraulic pump and control valve block in open circuit	
Type	
	Hook Boom
Capacity(19 mm – 3/4 inch.)	136 m - 446 ft 105 m - 344 ft
Wire rope installed	100 m - 328 ft 70 m - 275 ft
Hook speed	0:16 m/min - 0:52 ft/min

ADJUSTABLE COUNTERWEIGHTS

QD-CS: Quick Disconnected Counterweight System to give the possibility to disassembly in a short time all counterweight pack.	
Type	

<u>Removable counterweight</u>	
Front pack	2.500 kg - 5,500 lb
Rear pack	2.500 kg - 5,500 lb
Total weight extendable	7.700 kg -17,000 lb

BOOM

Length	6.1 m - 20 ft
Length (Optional)	7.5 m - 24,8 ft
Wire rope diameter	19 mm - 3/4 in
Part load line	4
Part boom line	4

OPTIONAL

- Closed cabin
- Air conditioning
- Visio display
- Rear winch
- Extra long boom

