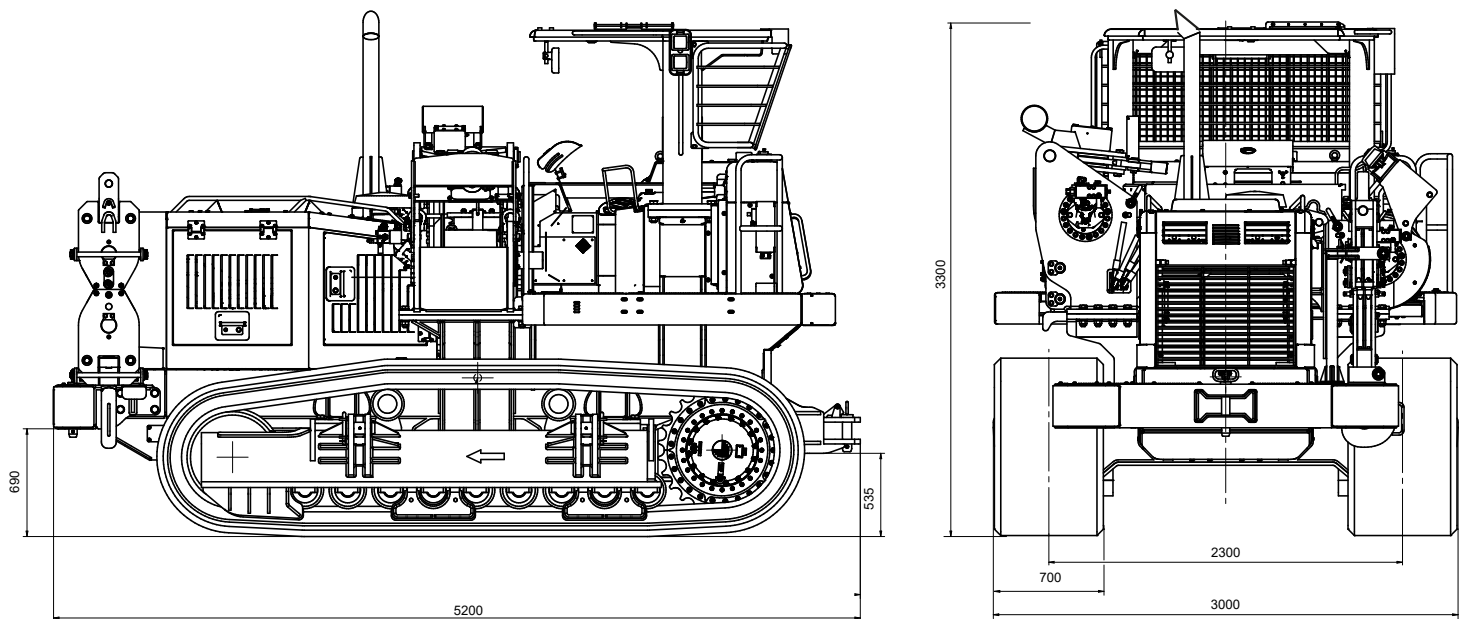
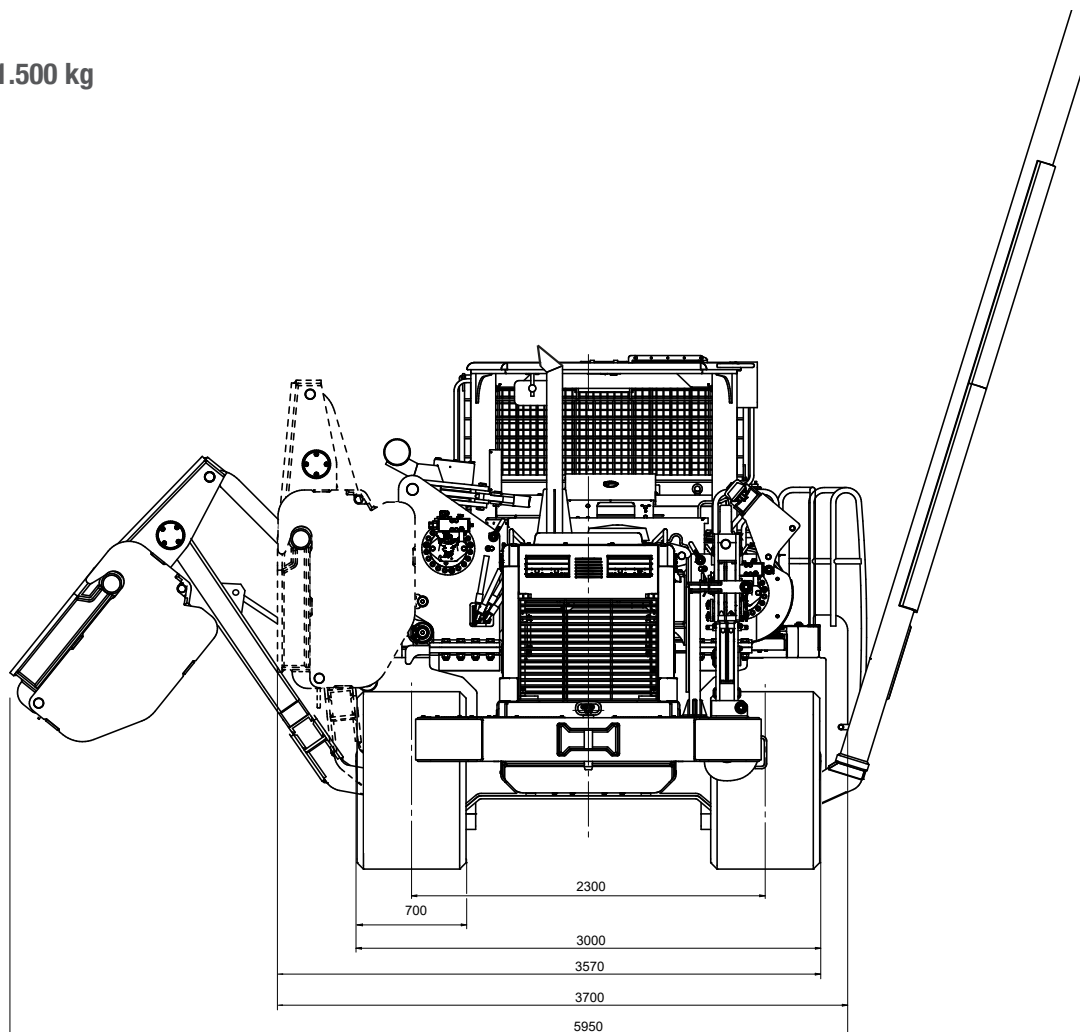


WEIGHT (transport configuration) 22.000 kg



DIMENSION

TOT. WEIGHT 31.500 kg





ENGINE

EMISSION EU Stage V - U.S. EPA Tier 4 FINAL

Type:	Caterpillar
Model:	C7.1 ACERT
Net flywheel power (DIN 6270-SAE J 1349):	250 hp - 184 kW
Governed speed:	2100 rpm
Displacement:	7.1 l



HYDRAULIC SYSTEM

Main Pumps

Bosch Rexroth n°2 independent variable displacement	
Maximum flow:	2x 210 l/min
Maximum operating pressure:	430 bar
Bosch Rexroth axial piston variable displacement	
Maximum flow:	300 l/min
Maximum operating pressure:	400 bar

Service Pumps

Tandem gear type	
Maximum flow:	50 l/min
Maximum operating pressure:	230 bar



TRANSMISSION

Type:	Hydrostatic closed circuit
Brakes:	2 integrate negative control
Final drives:	Epiciclodal oil soaked
Maximum speed	
1- speed:	3.0 km/h - 1.9 mph
2- speed:	8.3 km/h 5.2 mph



CONTROLS

Type:	Two pilot operated
Safety:	Emergency shut-off
TSSystem:	Two Steering System to provide with other two levers to drive the track independently in order to guarantee small and precise movement.



TRACK FRAME

Hard track frame with sealed and lubricated chain	
Number of bottom rollers:	9+9
Number of carrying rollers:	2+2
Track Gauge:	2.3 m 7.9 ft
Length of track on the ground:	3.14 m 10.3 ft
Standard shoes width:	700 mm 27.5 in
Ground contact area:	44000 cm² 6750 in²
Option shoes width:	'/
Ground contact area:	'/



FLUID CAPACITIES

Fuel tank:	315 l / 83 U.S.gal
Hydraulic system circuit:	210 l / 55 U.S.gal
Cooling system:	45 l / 12 U.S.gal
Engine oil:	27 l / 7 U.S.gal
Final drives each:	12.5 l / 3.5 U.S.gal
Urea tank (for Tier 4 Final Engine):	24,9 l / 6.6 U.S.gal



ELECTRIC SYSTEM

Operating voltage:	24 V
Maintenance free supplied batteries:	2
Capacity (total):	180 Ah
Starter capacity:	7.5 kW
Alternator:	55 A

PIPELAYING EQUIPMENT



HYDRAULIC WINCHES

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



CONTROL

Type:	Hydraulic controlled drums (reversible.) Driven by variable flow hydraulic pump and control valve block in open circuit
	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.

Removable counterweight	
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

Type:	6.1m / 20 ft
Optional:	7.5m / 248 ft
Diameter wire rope:	19mm / 3/4 in
Part load line:	4
Part boom line:	4



OPTIONAL

Closed cabin
Air conditioning
Visio display
Rear winch
Extra long boom

