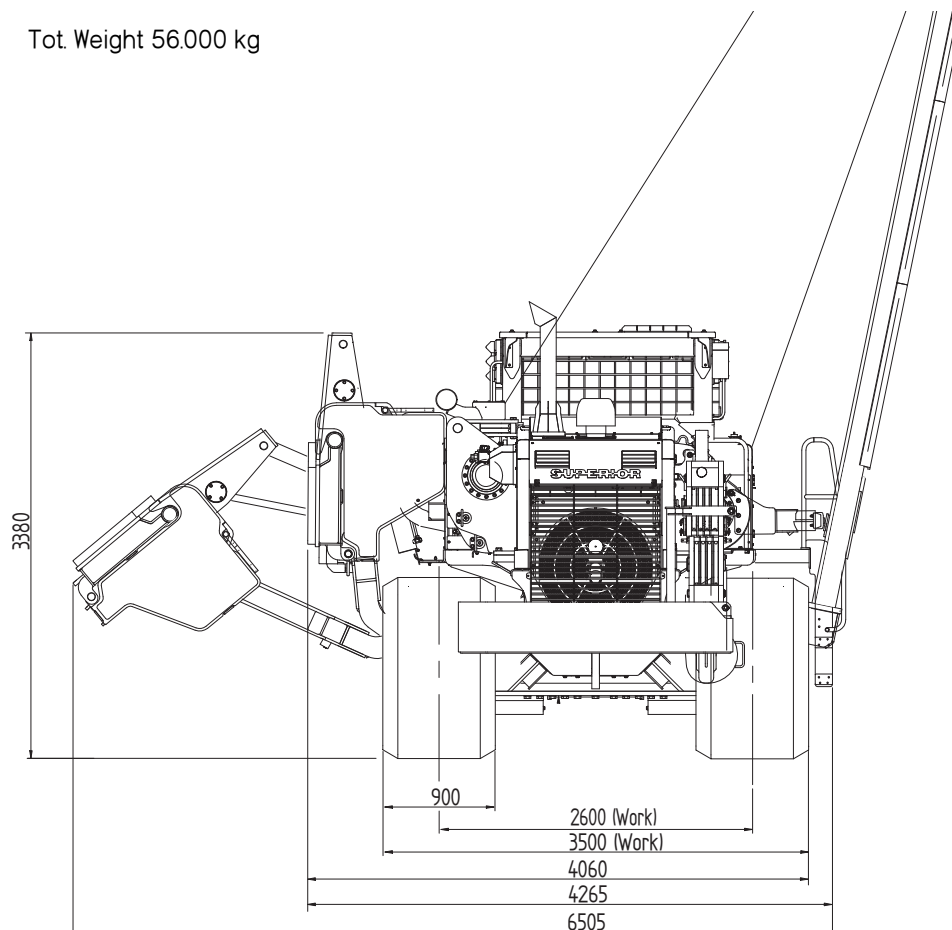


DIMENSION

Tot. Weight 56.000 kg



ENGINE

EMISSION EU Stage V - U.S. EPA Tier 4 Final	
Type:	Caterpillar
Model:	C9.3 ACERT
Net flywheel power (DIN 6270-SAEJ 1349):	415 hp - 309 kW
Governed speed:	2100 rpm
Displacement:	9.3 l

HYDRAULIC SYSTEM

<u>Main Pumps</u>	
Bosch Rexroth n°2 independent variable displacement	
Maximum flow:	2x 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 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:	5.0 km/h 3.1 mph
3- speed:	8.0 km/h 5.0 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:	2.6 m 8.5 ft
Length of track on the ground:	3.8 m 12.5 ft
Standard shoes width:	914 mm 36 in
Ground contact area:	68.400cm ² 26929 in ²

FLUID CAPACITIES

Fuel tank:	380 l/100 U.S.gal
Hydraulic system circuit:	225 l/ 60 U.S.gal
Cooling system:	45 l/ 12 U.S.gal
Engine oil:	32 l/ 8.4 U.S.gal
Final drives each:	12.5 l/ 3.5U.S.gal
Urea tank (for Tier 4 Final Engine):	34.5 l/ 9.1 U.S.gal

ELECTRIC SYSTEM

Operating voltage:	24 V
Maintenance free supplied batteries:	2
Capacity (total):	220 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	105 m
Wire rope installed:	120 m	70 m
Hook speed:	0:16 m/min	

ADJUSTABLE COUNTERWEIGHTS

QD-CS: Quick Disconnected Counterweight System to give the possibility to disassemblybin a short time all counterweight pack.		
Removable counterweight		
Front pack:	5200 kg	
Rear pack:	5200 kg	
Total weight extendable:	10400 kg	

BOOM

Type:	8,5m
Optional:	10.5m
Diameter wire rope:	19mm
Part load line:	8
Part boom line:	5

OPTIONAL

Closed cabin
Air conditioning
Visio display
Rear winch
Extra long boom

MAX LIFT CAPACITY 92t

