



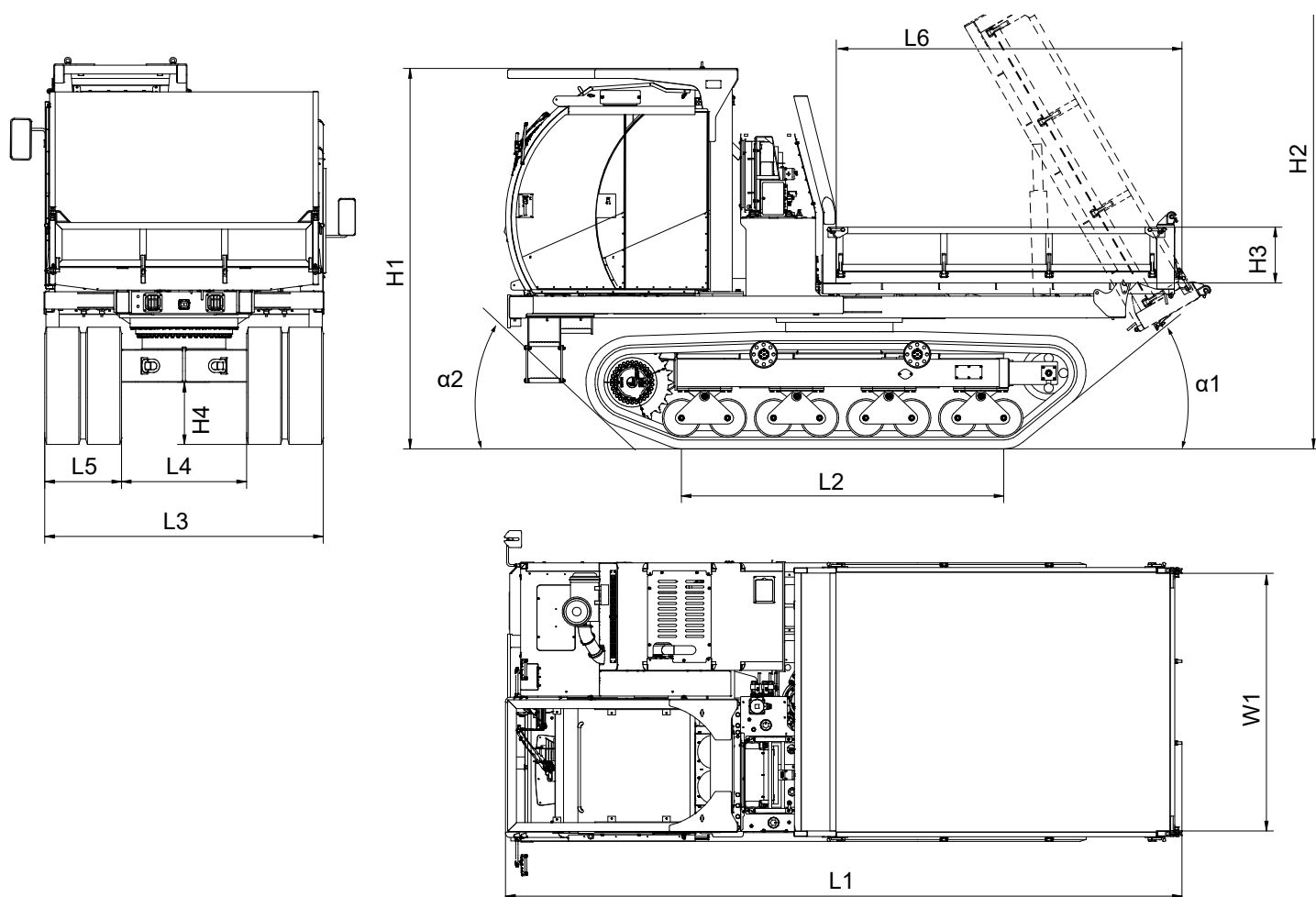
# TRACKED DUMPER SRT - 180 RD

## 4.8 m<sup>3</sup>

Transport dimensions: 6,3 (L) X 3,0 (W) X 3,5 (H) m / 20.7(L) X 9.8 (W) X 11.5 (H) ft  
Transport weight: 16.900 kg / 37,260 lb

### Operation dimensions

L1	6,3 m	20.1 ft
L2	2,8 m	9.2 ft
L3	3,0 m	9.8 ft
L4	1,5 m	4.9 ft
L5	0,8 m	2.6 ft
L6	3,2 m	10.5 ft
H1	3,5 m	11.5 ft
H2	5,1 m	16.7 ft
H3	0,8 m	2.6 ft
H4	0,6 m	2.0 ft
W1	2,8 m	9.2 ft
$\alpha 1$	40°	
$\alpha 2$	43°	





### ENGINE

EMISSION	EPA&CARB Tier 3 / EU Stage IIIA
Type:	Caterpillar
Model:	ACERT C7.1
Net flywheel power (DIN 6270-SAEJ 1349):	225 HP - 168 kW
Governed speed:	2200 rpm
Displacement:	7 l



### ENGINE

EMISSION	EPA&CARB Tier 4 FINAL / EU Stage V
Type:	Caterpillar
Model:	ACERT C7.1
Net flywheel power (DIN 6270-SAEJ 1349):	225 HP - 168 kW
Governed speed:	2200 rpm
Displacement:	7 l



### HYDRAULIC SYSTEM

<u>Main Pumps</u>	
Doble axial piston pumps, variable displacement	
Maximum flow:	180 l/min
Maximum operating pressure:	420 bar
<u>Service Pumps</u>	
Tandem	
Maximum flow:	78 + 25 l/min
Maximum operating pressure:	250 bar
Single	
Maximum flow:	78 l/min
Maximum operating pressure:	250 bar



### TRANSMISSION

Type:	Hydrostatic closed circuit
Brakes:	Integrated negative control
Final drives:	Epicicloidial oil soaked
Maximum speed	
1- speed:	5 km/h - 3,1 mph
2- speed:	10 km/h - 6.2 mph



### PERFORMANCE

Operating weight:	16.900 kg - 37,260 lb
Max. weight (loaded):	24.900 kg - 54,900 lb
Max. grade ability (full loaded)	
Uphill/downhill:	33% - 15°
Side hill:	33% - 15°



### DUMPER

Capacity:	4,8 m3 - 1268 US gal
Payload:	8000 Kg - 17640 lb
Raising time:	11 sec.



### FRAME

Rotation:	With gear box
Rotation angle:	360°
Rotation direction:	Clockwise/Counterclockwise
Slewing time -full turn:	15 sec.



### CONTROLS

Track controls type:	Joystick - electric over hyd.
Service controls type:	Joystick - electric over hyd.
Slewing control	Auto-centering system
Drive control	Direction reset system
Safety controls	Anti roll-over system with inclinometer sensors
Camera	Rear with 7" display



### TRACKED CARRIAGE

Number of bottom rollers:	8+8
Number of carrying rollers:	2+2
Track gauge:	2.240 mm - 89 in
Length of track on the ground:	2.815 m - 111 in
Standard shoes width:	750 mm - 30 in
Ground contact area:	42225 cm² - 6545 sq.in



### FLUID CAPACITIES

Fuel tank:	380 lt - 100 U.S.Gal
Hydraulic oil tank:	190 lt - 50 U.S.Gal



### ELECTRIC SYSTEM

Operating voltage:	24 V
Maintenance free supplied batteries:	2
Capacity (total):	160 Ah
Starter capacity:	5,5 kW
Alternator:	85 A



### CABIN

- Elastically suspended cab.
- Operator's seat and jump seat.
- Sound proof.
- Air conditioned
- Horn.
- Additioned with protection ROPS-FOPS CANOPY ISO 3471 ISO 3449.