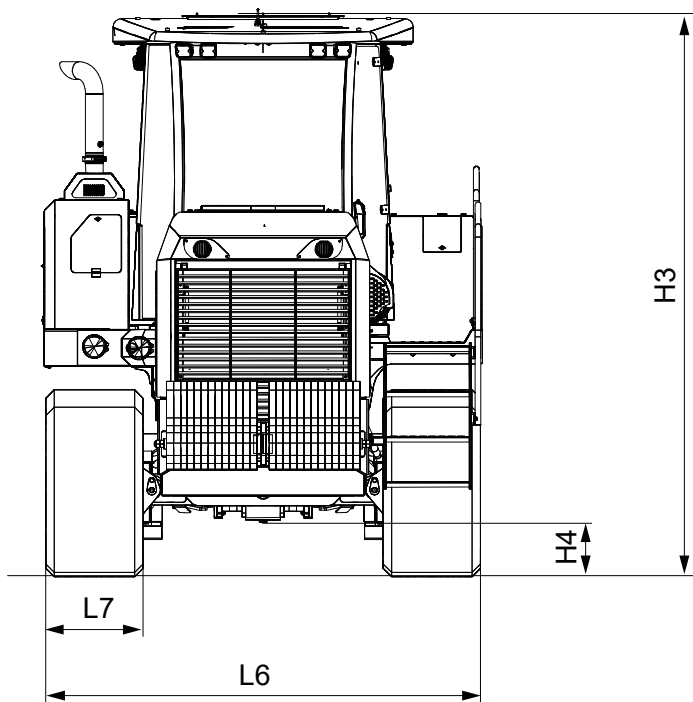
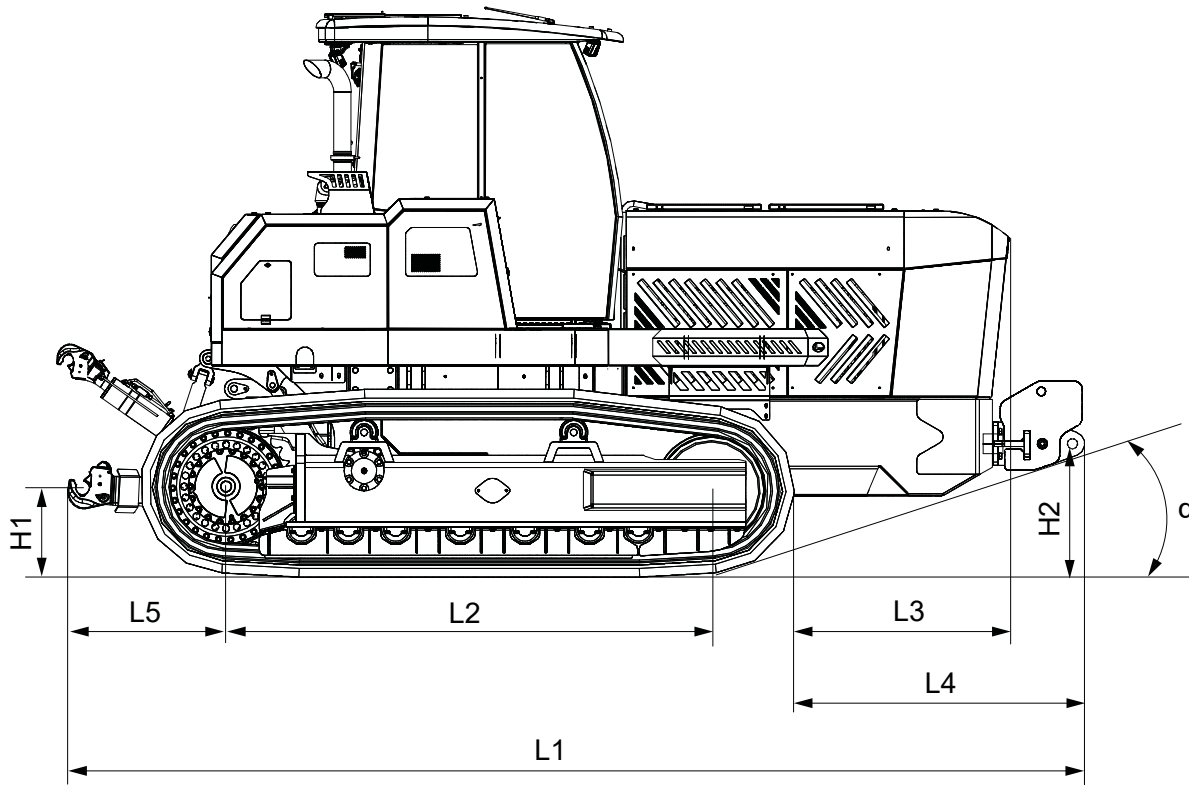


WARRIOR

STX - 430

Transport dimensions: 5,5 (L) X 2,8 (W) X 3,2 m / 18.1 (L) X 9.2 (W) X 10.5 ft
 Transport weight: 18 100 kg / 39,903 lbs



Operation dimensions

L1	5,52 m	18.1 ft
L2	2,6 m	8.5 ft
L3	1,25 m	4.1 ft
L4	1,93 m	6.3 ft
L5	0,63 m	2.1 ft
L6	2,75 m	9 ft
L7	0,6 m	2 ft
H1 min	0,3 m	0.9 ft
H1 max	1,09 m	3.6 ft
H2	0,5 m	1.6 ft
H3	3,2 m	10.5 ft
H4	0,4 m	1.3 ft
α	26°	



ENGINE

EMISSIONS EU Stage V	
Type	VOLVO
Model	TAD1381V2
Net flywheel power (DIN 6270-SAE J 1349)	390 HP - 290 kW
Governed speed	2 100 rpm
Displacement	12,78 l - 780 in ³

HYDRAULIC SYSTEM

<u>Transmission Pumps</u>	
Double axial piston pumps, variable displacement	
Maximum flow	290 l/min - 76.6 gpm
Maximum operating pressure	420 bar - 6,092 psi
<u>Services pump 1</u>	
Radiator coupler pump / Right and Left gearbox oil cooling pumps	
<u>Services pump 2</u>	
Rear services pump / Radiator fan pump / Radiator PTO oil cooling	

TRANSMISSION

Type	Hydrostatic FULL SPEEDTRONIC EVO
Motor	No.2 axial pistons, 2 speed, integrated
Brakes	Integrated multiple disk brake, negative control
Final Drive	Planetary, in oil bath
Max. Speed	12 km/h - 7.5 mph

HYDRAULIC REMOTES

<u>I Element</u>	Vertical lift cylinder
Maximum operating pressure	210 bar - 3,046 psi
Maximum flow	70 l/min - 18.5 gpm
Quick coupling size	1/2"
<u>II Element</u>	Third hitch cylinder
Maximum operating pressure	210 bar - 3,046 psi
Maximum flow	70 l/min - 18.5 gpm
Quick coupling size	1/2"
<u>Remote services</u>	
N.o	4
Maximum operating pressure	210 bar - 3,046 psi
Maximum flow	70 l/min - 18.5 gpm
Quick coupling size	1/2"

PERFORMANCE

Operating weight	18 100 kg - 39,903 lbs
Counterweights weight	4 300 kg - 9,480 lbs
Counterweights quantity	30
Working max. grade ability (loadless)	
Uphill/downhill	60% - 31°
Side hill	25% - 14°

TRACKED CARRIAGE

Bottom Rollers	7 Per Side
Top Rollers	2 Per Side
Track Gauge	2 148 mm - 84.6 in
Pitch	2 600 mm - 102.4 in
Shoe Material	Steel
Shoe Width	600 mm - 23.6 in
Area In Contact With Ground	31 200 cm ² - 4,833 Sq.in
Specific Pressure On Ground	0,58 Kg/cm ² - 3.74 lb/Sq.in

REAR LIFT

Type:	Hydraulic - third hitch
Categorys:	IV
Lift capacity	12 000 kg - 26,456 lbs

PTO

Speed	1 000 rpm
Shaft	1"3/4
Number of teeth	Z20
Max. torque	950 Nm

STABILIZING BAR

Type	Tilting
Ground clearance	400 mm - 15.7 In
Oscillation amplitudes	250 mm - 9.84 in

CONTROLS

Transmission	Joystick
	Cruise control
Services	Joystick

FLUID CAPACITIES

Fuel tank	480 l - 127 USgal
Def tank	45 l - 11.9 USgal
Hydraulic oil tank	260 l - 68.7 USgal

ELECTRIC SYSTEM

Operating voltage	24 V
Maintenance free supplied batteries	2
Capacity (total)	2X55 Ah
Starter capacity	7,5 Kw
Alternator	110 A

CABIN ROPS-FOPS

- Side tilting.
- Elastically suspended cabin.
- Elastically suspended operator's seat.
- Air conditioning and heating system.

