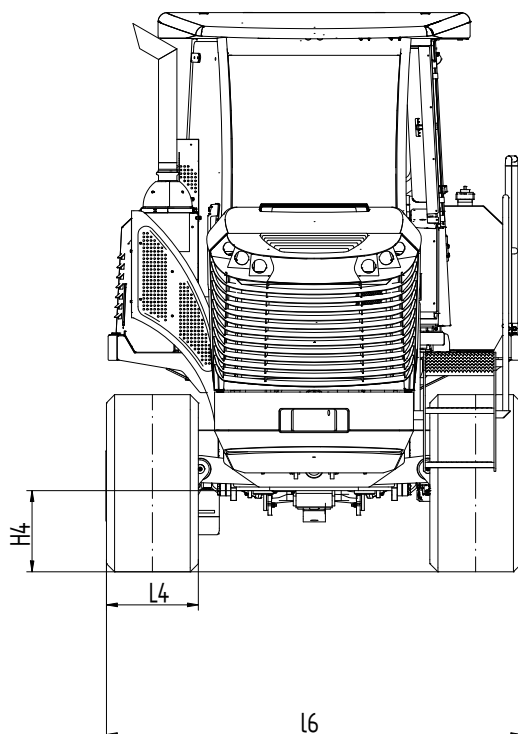
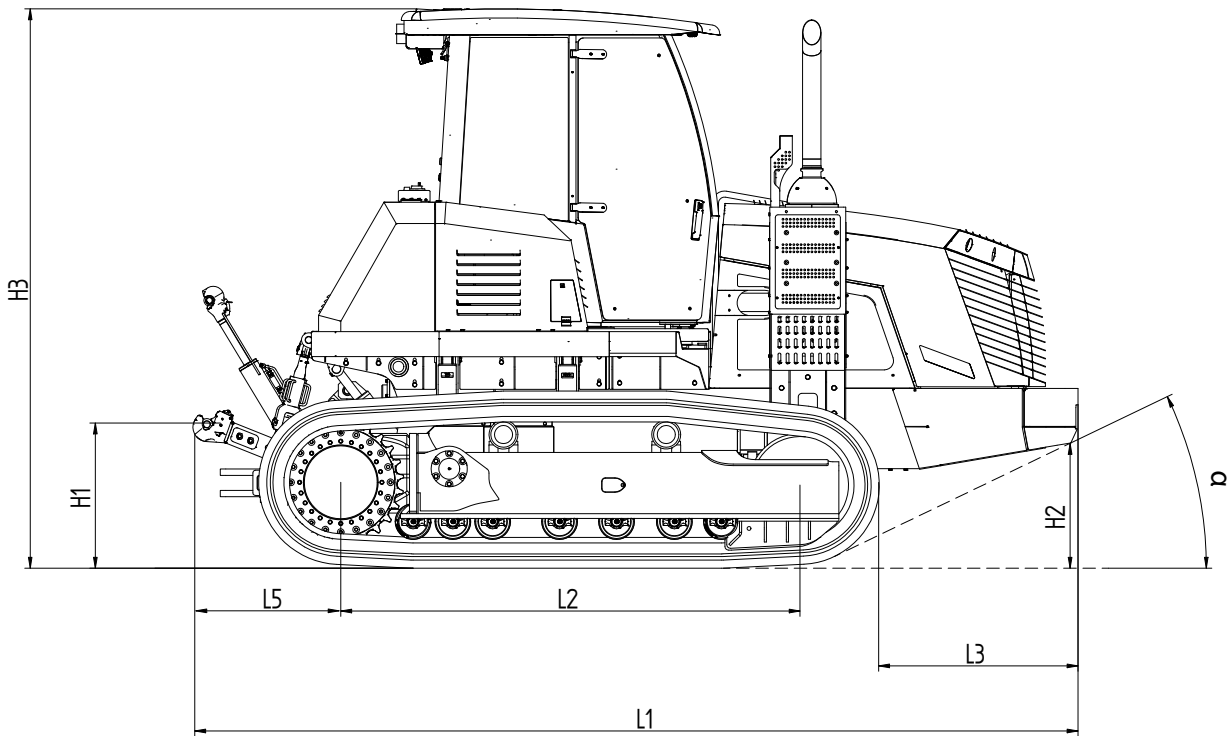


WARRIOR

STX - 220

Transport dimensions: 4,9 (L) X 2,3 (W) X 3,1 (H) m / 19.0 (L) X 8.2 (W) X 10.5 ft
 Transport weight: 10 700 kg / 23,590 lbs



Operation dimensions

L1	4,95 m	19 ft
L2	2,54 m	9.1 ft
L3	1,09 m	4 ft
L4	0,51 m	1.8 ft
L5	0,87 m	3 ft
L6	2,3 m	8.2 ft
H1 min	0,25 m	0.8 ft
H1 max	1,04 m	3.4 ft
H2	0,68 m	2.5 ft
H3	3,1 m	10.5 ft
H4	0,45 m	1.1 ft
α	26°	

ENGINE

EMISSIONS EU Stage V	
Type	VOLVO
Model	TAD582V2
Net flywheel power (DIN 6270-SAEJ 1349)	218 HP - 160 kW
Governed speed	2 100 rpm
Displacement	5,13 l - 313 in ³

HYDRAULIC SYSTEM

Transmission Pumps

Double axial piston pumps, variable displacement	
Maximum flow	280 l/min - 74 gpm
Maximum operating pressure	420 bar - 6,092 psi

Services pump 1

Radiator fan pump / Right and Left gearbox oil cooling pumps

Services pump 2

Rear services pump / Radiator coupler pump

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>	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	10 700 kg - 23,590 lbs
Counterweights weight	460 kg - 1,015 lbs
Counterweights quantity	20
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	1 790 mm - 70.4 in
Pitch	2 540 mm - 100 in
Shoe Material	Steel
Shoe Width	508 mm - 20 in
Area In Contact With Ground	25 800 cm ² - 3,999 Sq.in
Specific Pressure On Ground	0,42 kg/cm ² - 5.9 lb/Sq.in

REAR LIFT

Type	Hydraulic - third hitch
Categorys	III
Lift capacity	8 500 kg - 18,740 lbs

PTO

Speed	1 000 rpm
Shaft	206 mm - 8.1 in
Number of teeth	Z6
Max. torque	950 Nm

STABILIZING BAR

Type	Tilting
Ground clearance	450 mm - 17.7 In
Oscillation amplitudes	250 mm - 9.84 in

CONTROLS

Transmission:	Joystick
	Cruise control
Services	Joystick

FLUID CAPACITIES

Fuel tank	300 l - 79.3 USgal
Def tank	25 l - 6.6 USgal
Hydraulic oil tank	310 l - 82 USgal

ELECTRIC SYSTEM

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

CABIN ROPS-FOPS

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