

Imperial & Metric Specifications and Performance

Measurements:	BoSS X3X-SP		BoSS X3X		BoSS X3		BoSS X2	
	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial
Rated load, manual forces & weight:								
Safe working load	150kg (inc on platform extension)	331lbs (inc on platform extension)	240kg	529lbs	240kg	529lbs	240kg	529lbs
equivalent to:	(1 person (80kg) plus 70kg tools & materials)	(1 person (176lbs) plus 154lbs tools & materials)	1 person (80kg) plus 160kg tools & materials	1 person (176lbs) plus 353lbs tool & materials	1 person (80kg) plus 160kg tools & materials	1 person (176lbs) plus 353lbs tool & materials	1 person (80kg) plus 160kg tools & materials	1 person (176lbs) plus 353lbs tool & materials
Maximum allowable manual force	200N		200N (interior use only)					
Maximum allowable chassis inclination	1.5°		1.25°		1.5°		1.5°	
Maximum allowable wind speed	12.5m/s (with platform closed)	28mph (with platform closed)	0m/s	0 mph	0m/s	0 mph	0m/s	0 mph
Maximum load per wheel	420kg (based on drive wheels – swivel castor rating is 500kg)	926lbs (based on drive wheels – swivel castor rating is 1102lbs)	450kg	992lbs	450kg	992lbs	450kg	992lbs
Machine weight	495kg	1091lbs	370kg	816lbs	349kg	769lbs	313kg	690lbs
Maximum point loading	14.83kg/cm ²	211psi	17.43kg/cm ²	248psi	16.83kg/cm ²	239psi	15.8kg/cm ²	225psi
Dimensions:								
Maximum platform height	3.14m	10'4"	3.2m	10'6"	2.55m	8'4"	2.01m	6'7"
Minimum platform height	0.63m	2'1"	0.695m	2'3"	0.695m	2'3"	0.6m	2'
Maximum safe working height	5.14m	16'10"	5.2m	17'1"	4.55m	14'11"	4.01m	13'2"
Platform delay on descent height	1.86m	4'7"	1.87m	6'2"	1.85m	6'1"	1.4m	4'7"
Platform width	0.7m	2'4"	0.57m	1'10"	0.57m	1'10"	0.57m	1'10"
Platform length	1.25m-1.65m	4'1"-5'5"	1.25m	4'1"	1.05m	3'5"	1.05m	3'5"
Platform guardrail height	1.1m	3'7"	1.1m	3'7"	1.1m	3'7"	1.1m	3'7"
Toeboard height	0.15m	6"	0.15m	6"	0.15m	6"	0.15m	6"
Overall width	0.76m	2'6"	0.76m	2'6"	0.7m	2'4"	0.7m	2'4"
Stowed height	1.74m (0.89m with guardrails removed)	5'9" (2'11" with guardrails removed)	1.8m	5'11"	1.8m	5'11"	1.7m	5'7"
Stowed length	1.39m	4'7"	1.41m	4'8"	1.21m	4'	1.21m	4'
Ground clearance	Platform lowered 0.045-0.09m Platform raised 0.01m	Platform lowered 2"- 4" Platform raised 0.4"	0.05m	2"	0.05m	2"	0.05m	2"
Electrical:								
Voltage	24V DC		12V DC					
Power pack motor	1.2kW DC		1.2kW DC		1.2kW DC		0.8kW DC	
Drive wheel motors	24V/2800rpm/0.5kW		N/A		N/A		N/A	
Batteries (deep cycle/sealed gel)	2 x 12V/100Ah		12V/100Ah		12V/100Ah		12V/80Ah	
Battery charger	100-120V/200-240V (automatic switching)		Automatic multi voltage 110 and 240V					
Hydraulics:								
Maximum hydraulic pressure	225 bar							
Working pressure	150 bar							
Hydraulic fluid reservoir	1.5 litres	0.33 gallons	2 litres	0.4 gallons	2 litres	0.4 gallons	2 litres	0.4 gallons
Performance:								
Maximum number of lifts & descents on one charge:	>350(150kg)		>215(240kg)		>225(240kg)		>250(240kg)	
Ascent times:	19 secs (150kg load)		18 secs (240kg)		15 secs (240kg)		12 secs (240kg)	
Descent times*:	21 secs (150kg load)		21 secs (240kg)		18 secs (240kg)		15 secs (240kg)	
Maximum driving speed (platform lowered)	65m/minute	2.42mph	N/A		N/A		N/A	
Maximum driving speed (platform raised)	13.5m/minute	0.5mph	N/A		N/A		N/A	

* Descent times include 3 seconds for the intermediate stop on descent

Accessories:

- Confined Space Guardrails for access through suspended ceilings
- Heavy Duty All Weather Protective Covers
- Product training in the safe use of the BoSS X3X-SP and BoSS X-Series machines is also available