



Greater Robustness

GENIE HEAVY DUTY BOOMS



Built for Heavy Duty Applications

With decades of experience in the telescoping boom industry, Genie understands the unique needs of shipbuilders and workers in other hostile environments. So whether you build massive ocean-going ships or drill into solid rock hill sides, you'll find a Genie® Heavy Duty boom constructed for your needs and your budget. With Genie® S™-100 HD & S™-120 HD Heavy Duty booms, you get the ideal balance of high quality and great value.



Backed by local service

We are committed to our customers, and part of the excellent value of Genie products comes from the fast, responsive service available worldwide. Our service team understands the need for reduced downtime, so they're ready to respond quickly with the parts, service and technical support you need. Plus, the Genie® S™-100 HD and S™-120 HD Heavy Duty booms have been specifically engineered for easy access to key parts, helping to reduce service and maintenance time.

Rugged and ready

Genie® S™-100 HD & S™-120 HD booms are built specifically for severe environments where additional protection is required. Not only do they excel in harsh, salty and oxidizing conditions, but they also stand up to weld slag, debris from cutting and continuous use. The result is long lasting performance over the life of your machine.

Of course, the many productive features of the Genie® Heavy Duty booms add even more value. From self-leveling platforms with hydraulic rotation to positive traction drive for easy positioning in the harshest conditions, the Genie® S™-100 HD & S™-120 HD heavy duty booms are built to maximise productivity.



A superior product built specifically for severe environments where additional protection is required.



Heavy Duty Platform Option

Platforms utilize high-strength square steel tubing and padded bumpers for impact resistance. The steel mesh better retains dropped tools and resists weld slag, and the steel platform rotator shield prevents weld and debris from accumulating on platform hoses, wires and the hydraulic rotator.



Hostile Environment Kit

To best meet the demands of shipyard conditions, all models are equipped with a complete Hostile Environment Kit that includes cylinder bellows, boom wiper seats, turntable shield, ring gear guard and air pre-cleaner.



Fuel Tank

The 250-litre steel fuel tank allows continuous operation for up to 28 hours, reducing refills. The extra large drain port facilitates draining and cleaning, and the visual fuel gauge simplifies refilling by making it easier to see the fuel level.



Cable Track

The steel-covered cable and hose track is top-mounted on the boom to prevent impact damage and withstand severe environments. All exterior hoses and cables have fire-resistant sleeves.



Turntable Covers

Steel turntable covers resist impact for a longer service life. The large, removable service doors provide excellent full-engine service access.



Control box

With joystick guards, a sealed control box cover and angled control box lid, the operations controls aren't just easy to use - they're also protected from weld slag and the accumulation of debris

Tyres

All models come with solid, rough-terrain tyres for outstanding performance.



Lifting Points

Lifting points make lifting the machine simple and easy.



Fire Extinguisher

All models include a fire extinguisher carriage located on the chassis.



Specifications

Heavy Duty Booms

MODELS	S-100 HD		S-120 HD	
	METRIC	IMPERIAL	METRIC	IMPERIAL
Measurements				
Working height maximum*	32.48 m	106 ft	38.58 m	126 ft
Platform height maximum	30.48 m	100 ft	36.58 m	120 ft
Horizontal reach maximum	22.26 m	73 ft	22.26 m	73 ft
Productivity				
Lift capacity	340 kg	750 lbs	340 kg	750 lbs
Platform rotation	160°	160°	160°	160°
Turntable rotation	360° continuous		360° continuous	
Gradeability - stowed**	25%		25%	
Tyres - RT solid	385/65D 22.5		445/65D 22.5	
Turning Radius				
2WS Axle retracted - Inside/Outside	11.13 m / 14.15 m	36 ft 6 in / 46 ft 5 in	12.9 m / 18.98 m	42 ft 4 in / 62 ft 3 in
2WS Axle extended - Inside/Outside	5.13 m / 9.3 m	16 ft 10 in / 30 ft 6 in	5.62 m / 9.78 m	18 ft 6 in / 32 ft 1 in
4WS Axle retracted - Inside/Outside	4.14 m / 6.58 m	13 ft 7 in / 21 ft 7 in	4.01 m / 6.75 m	13 ft 2 in / 22 ft 2 in
4WS Axle Extended - Inside/Outside	2.74 m / 6.05 m	9 ft / 19 ft 10 in	2.59 m / 5.74 m	8 ft 6 in / 18 ft 10 in
Power				
Power source	Deutz TD 2011 L04i 4-cylinder turbo diesel, 55 kW (74 hp), air cooled Cummins B3.3T 4-cylinder turbo diesel, 60 kW (80 hp), air cooled Cummins B3.3T 4-cylinder turbo diesel, 60 kW (80 hp), water cooled			
Auxiliary power unit	12 V DC	12 V DC	12 V DC	12 V DC
Fuel tank capacity	240 L	63 gal	240 L	63 gal
Weight***				
2 WD	18,035 kg	39,760 lbs	20,548 kg	45,300 lbs
4 WD	18,275 kg	40,290 lbs	20,788 kg	45,830 lbs
Standards Compliance	EU Directives: 2006/42/EC - Machinery (harmonized standard EN280:2013); 2004/108/EC (EMC); 2000/14/EC (Outdoor Noise)			



Europe, Middle East, Africa and Russia

To view all our locations visit www.genielift.co.uk/locations

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