

B7 | Battery Operated Walk-Behind Burnisher

Product Specifications

FEATURES	SPECIFICATIONS*	
Product Name	B7 Drive (24 in / 610 mm)	B7 Drive (27 in / 690 mm)
Burnishing System		
Burnishing path width	24 in / 610 mm	27 in / 690 mm
Productivity rate (max.)	24,000 ft ² /hr / 2,200 m ² /hr	27,000 ft ² /hr / 2,500 m ² /hr
Productivity rate (2"/51mm overlap.)	22,000 ft ² /hr / 2,000 m ² /hr	25,000 ft ² /hr / 2,300 m ² /hr
Pad motor	37 V, 90 A, 3.6 hp max / 2.6 kW	37 V, 90 A, 3.6 hp max / 2.6 kW
Pad pressure	Variable - mechanical or actuated	Variable - mechanical or actuated
Pad speed	1875 rpm	1875 rpm
Burnishing speed (variable)	Min: 100 fpm / 30 mph Max: 200 fpm / 60 mpm	Min: 100 fpm / 30 mpm Max: 200 fpm / 60 mpm
Transport speed (max.)	Fwd: 240 fpm / 73 mpm Rev: 144 fpm / 44 mpm	Fwd: 240 fpm / 73 mpm Rev: 144 fpm / 44 mpm
Propel motor	24 V, 14 A, .363 hp / .27 kW, 271 W	24 V, 14 A, .363 hp / .27 kW, 271 W
Aisle turn (min.)	62.5 in / 1588 mm	64 in / 1626 mm
Grade level (max.)	Burnishing: 9%, Transport: 19.5%	Burnishing: 9%, Transport: 19.5%
Dust Control System		
Vacuum motor (Active dust control)	36 V, 5 A, 180W / 0.18kW	36 V, 5 A, 180W / 0.18kW
HEPA filtration (Active dust control)	99.97% @ 0.3 micron	99.97% @ 0.3 micron
Filtration (Passive dust control)	95% @ 0.3 micron	95% @ 0.3 micron
Dust bag capacity	1.27 qt / 1.4 l	1.27 qt / 1.4 l
Power System		
Voltage	36 VDC	36 VDC
Battery capacity	6 - 6V, 240 Ah Wet/lead acid (std.) 6 - 6V, 312 Ah AGM (opt.) 6 - 6V, 360 Ah Wet/lead acid (opt.)	6 - 6V, 330 Ah Wet/lead-acid (std.) 6 - 6V, 312 Ah AGM (opt.) 6 - 6V, 360 Ah Wet/lead acid (opt.)
Total power consumption	75 A / 2.4 kW nominal	75 A / 2.4 kW nominal
Battery charger	120 VAC, 60 Hz, 36 VDC, 25 A	120 VAC, 60 Hz, 36 VDC, 25 A
	220/240 VAC, 60 Hz, 36 VDC, 25 A	220/240 VAC, 60 Hz, 36 VDC, 25 A

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Product Name	B7 Drive (24 in / 610 mm)	B7 Drive (27 in / 690 mm)
Machine Specifications		
Length	61.5 in / 1562 mm	63 in / 1600 mm
Width	30 in / 762 mm	31.5 in / 800 mm
Height	43 in / 1092 mm	43 in / 1092 mm
Weight	246 lb / 111.5 kg	254lb / 115 kg
Weight (with batteries)	616 lb / 279 kg	797 lb / 362 kg
Protection grade	IPX3	IPX3
Machine vibration at hand-arm	<2.5 m/s ²	<2.5 m/s ²
Machine vibration uncertainty K	0.2 m/s ²	0.2 m/s ²
Ambient operating temperature	Min: 32°F / 0°C Max: 110°F / 43°C	Min: 32°F / 0°C Max: 110°F / 43°C
Sound pressure level L _{pA} (Active Dust Control)	63 dBA	63 dBA
Sound pressure level L _{pA} (Passive Dust Control)	65 dBA	65 dBA
Approvals		
ETL listed (U.S./Canada only)	Yes	Yes
Warranty		
Warranty	10 years on rotationally molded tanks, 3 yrs. parts, 2 yrs. labor, 6 months travel	10 years on rotationally molded tanks, 3 yrs. parts, 2 yrs. labor, 6 months travel

Values per EN 60335-2-72

*Specifications are subject to change without notice.

