

Rotoblast™ Wire Mesh Belt



Variety of Models Available

VERSATILE BLAST EQUIPMENT

Pangborn Rotoblast Wire Mesh Belt Systems provide high volume production and cost effective performance for deburring, cleaning, descaling, deflashing or etching. These systems are extremely versatile for efficient blast coverage and built to accommodate medium to large castings, heat treated parts, automotive wheels, ferrous and non-ferrous castings, weldments, fabrications and more.

TYPE ES ROTOBLAST™ WIRE MESH BELT

Technical Data

DESCALING	ES-2019	ES-1990	ES-2048
Work Capacity	8" high x 2'0" wide (203 mm x 609 mm)	1'6" high x 4'6" wide (457 mm x 1371 mm)	3'0" high x 5'0" wide (914 mm x 1,524 mm)
Overall Length	20'8" (6.3 m)	20'11" (6.4 m)	30'6" (9.3 m)
Overall Width	10'6" (3.2 m)	14'1" (4.29 m)	20'7" (6.23 m)
Overall Height	20'0" (6.1 m)	20'5" (6.22 m) with 4'11" (1.50 m) pass line	20'0" (6.1 m)
Pass Line	4'9" (1.45 m)	4'11" (1.50 m)	4'11" (1.50 m)
Machine Weight	23,500 lbs (10,700 kg)	29,000 lbs (13,400 kg)	27,500 lbs (21,600 kg)
Entrance Vestibule Length	1'4" (0.41 m)	2'11" (0.89 m)	5'0" (1.5 m)
Blast Compartment Length	8'0" (2.44 m)	4'0" (1.22 m)	7'7" (2.31 m)
Exit Vestibule Length	1'4" (0.41 m)	2'11" (0.89 m)	7'5" (2.26 m)
Wheel Diameter & Drive	(4) 14" Diameter, 15 HP (11.2 kw)	(4) 14" Diameter, 25 HP (18.6 kw)	(8) 26.5" Diameter, 25 HP (18.6 kw)
Abrasive Velocity	267 feet/sec (81.4 m/sec)	267 feet/sec (81.4 m/sec)	262 feet/sec (79.8 m/sec)
Abrasive Flow/Hour	58,050 lbs (26,331 kg)/hr	116,100 lbs (52,662 kg)/hr	233,860 lbs (106,200 kg)/hr
Abrasive Load	4,000 lbs (1,800 kg)	6,000 lbs (2,700 kg)	30,000 lbs (13,600 kg)
Dust Collector Volume	2,805 cfm (79.4 cu. m/min)	2,540 cfm (71.9 cu. m/min)	5,660 cfm (160.3 cu. m/min)
FOUNDRY	ES-2022	ES-2022-1	ES-1993
Work Capacity	20" wide x 6.5" high (508 mm x 165 mm)	20" wide x 6.5" high (508 mm x 165 mm)	40" wide x 24" high (1,016 mm x 609 mm)
Overall Length	26'9" (8.15 m)	26'9" (8.15 m)	28'0" (8.5 m)
Overall Width	12'6" (3.8 m)	12'6" (3.8 m)	11'9" (3.6 m)
Overall Height	21'0" (6.4 m) floor line installation	21'0" (6.4 m) floor line installation	21'0" (6.4 m) floor line installation
Pass Line	5'7" (1.70 m)	5'7" (1.70 m)	4'8" (1.42 m)
Machine Weight	43,500 lbs (19,700 kg)	40,000 lbs (18,200 kg)	44,500 lbs (20,200 kg)
Entrance Vestibule Length	5'6" (1.68 m)	5'6" (1.68 m)	5'0" (1.5 m)
Blast Compartment Length	9'6" (2.9 m)	9'6" (2.9 m)	5'5" (1.65 m)
Exit Vestibule Length	5'6" (1.68 m)	5'6" (1.68 m)	4'11" (1.5 m)
Wheel Diameter & Drive	(4) 15" Diameter, 40 HP (29.9 kw)	(4) 15" Diameter, 40 HP (22.4 kw)	(8) 15" Diameter, 20 HSP (14.9 kw)
Abrasive Velocity	288 feet/sec (73.2 m/sec)	288 feet/sec (73.2 m/sec)	290 feet/sec (88.4 m/sec)
Abrasive Flow/Hour	175,932 lbs (79,801 kg)/hr	127,732 lbs (57,937 kg)/hr	125,400 lbs (56,900 kg)/hr
Abrasive Load	12,000 lbs (5,400 kg)	12,000 lbs (5,400 kg)	24,000 lbs (10,900 kg)
Dust Collector Volume	4,500 cfm (127.4 cu. m/min)	4,050 cfm (114.7 cu. m/min)	5,800 cfm (164.2 cu. m/min)

WIRE MESH ADVANTAGES INCLUDE:

- Complete coverage without part-on-part impingement
- Superior one-pass, continuous cleaning
- Greater abrasive flow and higher horsepower
- Designed for floor line installation requiring no pit
- Low maintenance and operating costs
- Faster cleaning cycles
- Less noise

OPTIONS:

- Special paint
- 230/3/60 electricals
- 50 cycle electricals
- Abrasive replenisher
- Dust collection system
- Genesis Wheel Available



Please contact us for more information or
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