



VK - SPINNER HANGER BLASTER

Shot blasting of castings, welded constructions, forged and pressed parts, remodeled cold or hot and of various complicated forms, steel bottles, springs, etc. (weighting from 2 to 11 lb or more, manufactured in smaller and medium series).

Cleans surface, removing casting sand and flings and consolidating the surface (micro-handling), and profiling the surface before the next process.



DESCRIPTION

Parts can be hung individually or in a cluster on the revolving hook and transported to the machine via "I", "Y" or circular conveyor. Revolving of treated parts in a jet of abrasive provides efficient treatment of less accessible parts of their surface. The machine's housing is protected by wear-resistant manganese steel or entirely made of manganese steel and additional protection of the most exposed parts of the blast cabinet. High efficiency of the machine is provided by the system for continued cleaning and returning of the abrasive, along with efficient airless shot blast wheels made from wear-resistant materials.

Standard equipment of larger machines includes: PLC Kloeckner Moeller or Siemens, display, timer, automatic or manual mode, pneumatic cylinders on the door, revolving hooks, automatic start-up of airless blast wheels, working hours counter, etc.

Machines may be manufactured by special order, with adjusted size, number and power of blast wheels, shape of the hanging conveyor and the capacity and number of revolving hooks. The hook's hoist and trolley drive may be manufactured in accordance with the buyer's needs. The machine may be equipped with a magnetic separator, vibration conveyor and variable frequency drive for the blast wheels.





TECHNICAL DATA

DESCRIPTION	VK-600 2	VK-900 2	VK-1200 3	VK-1600 3	VK-1600 4	VK-1700 3	VK-1700 4	VK-3000 4	VK-5000 7
Max. hook loading capacity (lb)	772	1,102	2,205	6,614	2,205		1,102	6,614	8,818
Max. piece dimensions ø x H (ft.)	1,96 x 3,28	2,9 5x 4,92	3,93 x 6,56	5,24 x 6,56	5,24 x 10,49	5,57 x 6,56	5,57 x 8,20	9,84 x 13,12	16,40 x 18,04
Installed power (kW)	10,8	18	28	66	34	27	48	106	136
Abrasive throwing wheel power (kW)	2 x 4	2 x 7,5	3 x 7,5	3 x 15	4 x 7,5	3 x 7,5	4 x 11	6 x 15	7 x 15
Diam. of throw. wheels (in.)	11 ¾			15	11 ¾		15		
Machine weight (lb)	5,732	10,803	15,432	23,148	27,558	21,605	25,133	8,818	153,221
Exhausted air quantity (ft³/h)	6,88	16,40	22,96	32,80		26,24	32,80	82,02	
Compressed air connection (in.)	¼"				¾"				
Width of machine housing) (ft-in.) A	8'-10¼	10'-4	21'-11¾	14'-7¼	18'-10¾	14'-9½	13'-5¾	17'-0¾	28'-6½
Machine length (ft-in.) B	10'-0½	13'-3½	17'-6¼	21'-0	20'-10	20'-9¼		37'-0¾	44'-3½
Machine height (ft-in.) C	12'-9½	17'-4½	16'-6¾	17'-0¾	13'-11¾	17'-2¾	19'-6¼	35'-9½	34'-5¾
Max. width of foundation (ft-in.) D				14'-9½	20'-10	13'-5¾	14'-1¼	18'-0½	24'-7¼
Max. length of foundation (ft-in.) E				10'-4	5'-3	14'-9½		27'-10¾	34'-9¾
Max. depth of foundation (ft-in.) F				4'-11	5'-5	3'-3¾	3'-7¼	10'-6	6'-6¾

FLOOR PLAN

