



G - TUMBLE BLAST MACHINE WITH MANGANESE STEEL BELT



Machines have a perpetual caterpillar made from steel flaps. Treated objects are put by a special filling contraction to caterpillar. When caterpillar moves its special shape causes treated objects to turn and roll, which causes the whole surface of the treated objects to be quality blasted in a jet of abrasive. For emptying, caterpillar is started-up in the opposite direction turning mode.

The machine's housing is protected by wear-resistant manganese steel. High efficiency of the machine is provided by the system for continued returning and cleaning of the abrasive, along with efficient turbines made from wear-resistant materials.

Standard equipment of larger machines includes: PLC Kloeckner Moeller or Siemens, display, timer, automatic or manual mode, automatic start-up of turbines, working-hours counter, etc. The machine may be equipped with magnetic separator, vibration conveyor and variable frequency drive for the turbines.

DESCRIPTION

Shot blasting of casts, forged and pressed, parts, remodelled cold or hot and of various and complicated forms, springs, etc. (weighting to 2,200 lb and manufactured in smaller and large series, the volume of a particular filling may be up to 528 gal, mass up to 11,023 lb).

Cleaning surface, removing casting sand and filings and consolidating the surface (microhandling), roughing the surface before the colouring, etc.





TECHNICAL DATA - MACHINE TYPE

Machine type	G-150	G-250-1	G-450-1	G-750-2	G-1100-2	G-2000-2
Working capacity (cu. ft.)	5.3	8.8	17.7	26.5	38.8	70.6
Max. recommended charging weight (lb)	661	1,102	2,205	3,307	5,512	11,023
Max. recommended piece weight (lb)	33	220	441	551	882	2,205
Width of shotblasting chamber (inch)	33	43		47	67	94
Diameter of shotblasting chamber (inch)	30	36	47	63	57	65
Total installed power (hp)	25	30	32	51	74	161
Diameter of throwing wheel (inch)	15					20
Power of abrasive throwing wheels (hp)	20		25	2 x 25	2 x 30	2 x 60
Machine weight (lb)	6,834	12,125	20,944	37,479	48,502	125,663
Weight of the loader (lb)	1,102	2,646	5,512	6,393	8,818	19,621
Air requirements (cfm)	1,177	2,649	3,237	5,650	7,063	10,594
Compressed air connection (in.)	3/8				1/2	
[A] Max. height (in.)	154	185	201	236	256	350
[B] Max. width (in.)	69	87	119	165	180	264
[C] Max. length (in.)	130	166	172	220	257	441
[D] Width of the loader (in.)	51	55	68	91	106	173
[E] Machine length (in.)	60	88	93	104	122	205
[F] Distance between loader and machine (in.)	49	57	60	63	69	79
Capacity of the machine (lb/ft ³)*	1,323	2,205	4,409	6,614	9,700	17,637

* Capacity of four blasting cycles per hour and product density for 62 lb / ft³ of material



FLOOR PLAN

