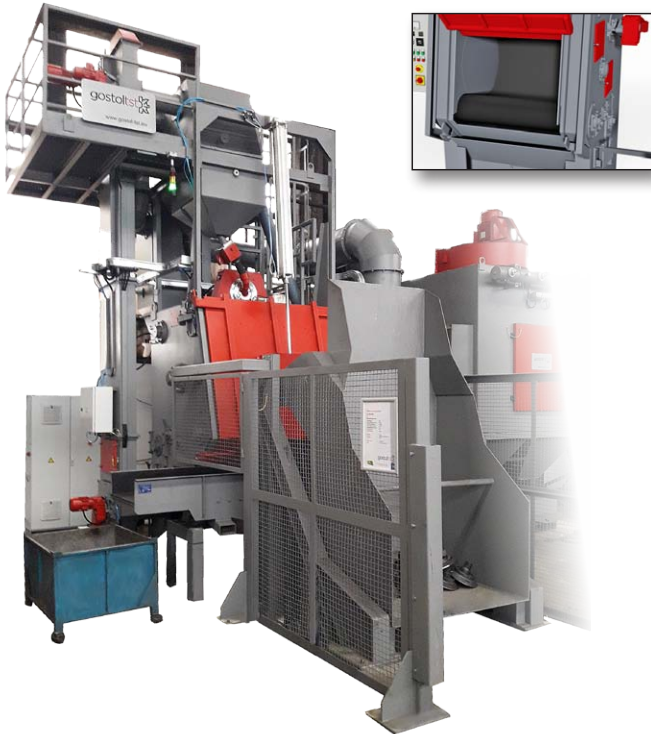




GG SERIE - RUBBER BELT TUMBLE SHOT BLASTER



- The machine is designed for shotblasting of castings, forged and pressed parts, cold or hot formed and various complicated shapes, springs, etc.
- Workpieces can weigh up to 44 lb and are manufactured in small or large series.
- The volume of individual charge can be up to 132 gal, weight up to 2,200 lb.
- The machine has endless perforated rubber belt in the shape of a drum.
- Workpieces are loaded into the drum with a special filling device

DESCRIPTION

Tumble blast machine with rubber belt is ideal for mass-produced parts, which can be tumbled and will perfectly meet your requirements for batch cleaning, decorating, descaling, deflashing, deburring, and shot peening parts.

They are mostly used for process ferrous and non-ferrous castings, forgings and heat treated parts.

Shot blasting machine type GG can be integrated to a fully automatic process with addition of loading and unloading equipment. Tumble blast machines are built in size that can accept single fill / load up to 2,200 gal (volume 132 gal).

GG blasting machines have a rubber belt conveyor. When the belt 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 the blasting machine, the belt rotation is switched in the opposite direction turning mode. When the blasting machine works in automatic mode the treated objects are loaded into the blasting machine by hydraulic skip loader, tailored to the customer's specific component containers.

The discharged pieces fall onto vibratory or belt unload channel conveyor and are transported to the next operation. The GG shot blasting machine's housing is protected by wear-resistant manganese steel liners. High efficiency of the tumble blast machine is enabled by the continuous abrasive handling and reclamations system for continued returning and cleaning of shot blasting media, along with efficient blasting wheels made from wear-resistant materials. Standard equipment of larger tumble blast machines includes: PLC, display, timer, automatic or manual mode, automatic start-up of throwing wheels, working-hours counter, etc. GG shot blasting machine may be equipped with variable frequency drive for the blasting wheels.





TECHNICAL DATA

Machine type	GG-40*	GG-80*	GG-150F	GG-150/15	GG-300	GG-500
Working capacity (cu.ft.)	1.76	3.37	6.42		12.68	21.19
Max recommended charging weight (lb)	143	220	661		1323	2205
Max recommended work piece weight (lb)	13		26		33	44
Width of blasting area (in)	23 5/8"	27 9/16"	33 7/16"		53 5/16"	
Diameter of blasting area (in)	19 11/16"	23 5/8"	29 11/16"		36 5/8"	47 5/8"
Total installed power (hp)	7	11	19	29	25	32
Blasting wheel diameter (in)	12		15			
Blasting wheel power (hp)	4	7	10	20		25
Machine weight (lb)	2623	3417	6283		15432	20944
Loader weight (lb)			1653		3307	5512
A - Max machine width (in)	62 3/16"	57 7/16"	58 11/16"		126"	136 13/16"
B - Max machine length (in)	55 1/8"	78 3/4"	131 1/2"		169 5/16"	177 13/16"
C - Max machine height (in)	144 3/16"	137 13/16"	156 5/16"		185"	202"
Loader width (in)			51 3/16"		67 11/16"	
Distance between the loader and the machine (in)			44 11/16"		56 5/16"	
Machine capacity (lb/h)**	370	705	1323	1323	2646	4409

* Machine with dust collector

** Capacity of four blasting cycles per hour and product density for 62.43 lb/ft³ of material

FLOOR PLAN

