



705 Series Air Vacuums
Air Operated Vacuums for Heavy-Duty Industrial Use



Markets/Applications

- Oil refineries
- Steel mills
- Cereal manufacturing plants
- Machine shops
- Automotive
- Power stations
- Engine manufacturing
- Rail-transit repair shops
- Ship building
- Welding Shops
- Chemical Manufacturing
- Airports
- Sump Cleaning
- Sand and Gravel
- Steel Chip
- Aluminum Chip
- Steel Scale
- Foundry Sand
- Fly Ash
- Coolants
- Flux
- Oil
- Grease
- Chemicals
- Metal Stamping
- Steel Shot
- Crit Blast
- Ceramic Oven Materials
- Copy Machine Toner
- Iron Oxide
- Flammable Liquids (jet fuel)

Productivity

- 180" of waterlift on every air vacuum model
- High CFM from 166cfm (4 gal) to 728 cfm (55 gal with quad jets)
- Capable of filling a 55 gallon barrel with liquid in less than 60 seconds

General Overview

- No moving parts to replace
- No motors or switches to replace
- Silenced down to low 80 dba
- Available in stainless steel or electrostatically applied painted tanks
- Uses compressed air and the venturi principle to create a vacuum of exceptionally high flow and high static lift
- Ideal for areas where standard voltage is not available
- Capable of lifting or moving an extensive variety of solid or liquid materials
- Large range of tank sizes, filter arrangements, venturi and hose sizes, tools & attachments for wet/dry pick up

Accessories:

Tool Kits Available for Industrial and Commercial Use



Tool Kit #490025-1
Industrial Tool Kit



Tool Kit #490024-1
Commercial Tool Kit

Specifications

	705-6	705-15	705-55	701-55	702-55	704-55
TANK SIZE	6 gal (22 ltr)	15 gal (57 ltr)	55 gal (208 ltr)	55 gal (208 ltr)	55 gal(208 ltr)	55 gal(208 ltr)
WET CAPACITY	3.5 gal (13 ltr)	10 gal (38 ltr)	45 gal (170 ltr)	45 gal (170 ltr)	45 gal (170 ltr)	45 gal (170 ltr)
DRY CAPACITY	.46cu.ft.(.01m ³)	1.86cu.ft.(.05m ³)	7.16cu.ft.(.20m ³)	7.16cu.ft.(.20m ³)	7.16cu.ft.(.20m ³)	7.16cu.ft.(.20m ³)
STATIC LIFT	180" (4572mm)	180" (4572mm)	180" (4572mm)	180" (4572mm)	180" (4572mm)	180" (4572mm)
AIR FLOW	166CFM	166CFM	166CFM	182CFM	364CFM	728CFM
AIR LINE	1/2" (1.2cm)	1/2" (1.2cm)	1/2" (1.2cm)	1/2" (1.2cm)	3/4" (1.9cm)	1" (2.5cm)
INPUT PRESSURE	100 psi	100 psi	100 psi	100 psi	100 psi	100 psi
INPUT AIR	37CFM(1.0m ³ /min)	42CFM(1.1m ³ /min)	46CFM(1.3m ³ /min)	46CFM(1.3m ³ /min)	91CFM(2.5m ³ /min)	182CFM(5.1m ³ /min)
VENTURI	Single Jet 1/2" Quick	Single Jet 1/2" Quick	Single Jet 1/2" Quick	Single Jet 1/2" Quick	Twin Jet 3/4" Quick	Quad Jet
HOSE CONNECTION	Coupler	Coupler	Coupler	Coupler	Coupler	1" Quick Coupler
WHEEL SIZE- Front	N/A	3"(8 cm)	5"(13 cm)	5"(13 cm)	5"(13 cm)	5"(13 cm)
WHEEL SIZE- Rear	N/A	8"(20 cm)	5"(13 cm)	5"(13 cm)	5"(13 cm)	5"(13 cm)
WEIGHT	27 lbs(12 kg)	51 lbs(23 kg)	110 lbs(50 kg)	122 lbs(55 kg)	127 lbs(58 kg)	142 lbs(64 kg)

Specifications subject to change without notice.

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Minuteman is a full line manufacturer of sweepers and scrubbers; as well as critical filter vacuums, industrial and commercial vacuums, floor and carpet machines, and litter vacuums for commercial and institutional facilities, whereas PowerBoss is a full line manufacturer of sweepers and scrubbers for industrial facilities.

A Member of the Hako Group

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