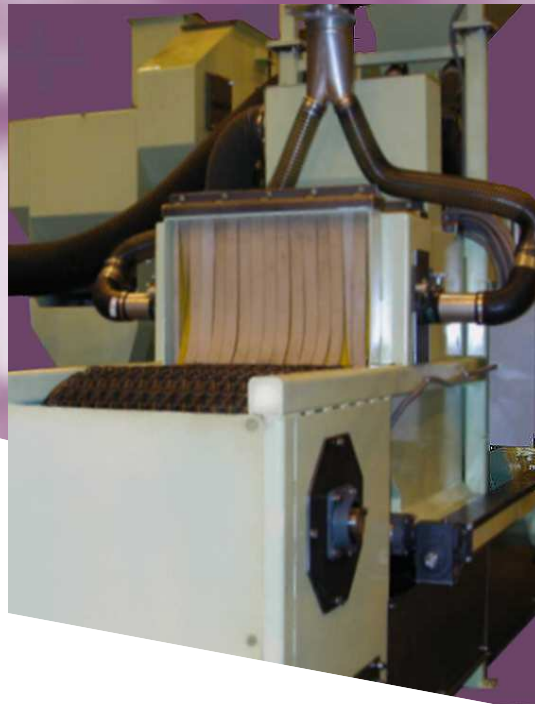


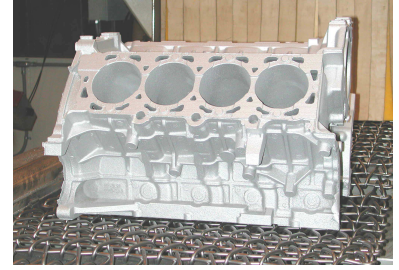
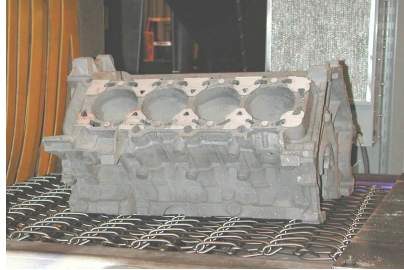
# Wire Mesh Continuous Shot Blast



***DISA***

**GOFF**

DISA Goff offers a complete line of stationary, airless centrifugal blast cleaning machinery that clean items at a fraction of the cost of conventional air-blast cleaning methods. DISA Goff's direct drive blast wheels offer consistent production and superior performance. The abrasive media is cleaned and recycled, reducing disposal and minimizing abrasive costs. Several product groups are available, as well as specially engineered products to meet individual requirements. Whatever the product, DISA Goff's stationary abrasive blast cleaning equipment provides the performance you can count on.



## Design and Sequence of Operations

DISA Goff's Wire Mesh Belt continuous production shot blast cleaning machines are designed to offer high production cleaning of various parts and castings. The Wire Mesh Design is simple and requires less material handling.

Parts placed on the wire mesh belt conveyor continuously pass through the abrasive tight entry vestibule into the blast chamber. The quantity and placement of the blast wheels coupled with the blast wheel horsepower determine the cleaning capacity and production capabilities of the machine.

The parts are blast cleaned passing through the blast chamber and then exit through the series of seals in the egress vestibule.

## Features of the Wire Mesh

- Pitless design
- Wear resistant cabinet
- Manganese wire mesh conveyor belt in various widths, from 18"- 60"
- Variable speed conveyor belt
- Quantity of blast wheels from 2 to 12
- Direct drive blast wheels
- Range of Blast Wheel horsepower from 7½ up to 50 hp each.
- Large diameter drive rollers for less belt fatigue
- Single or dual air wash separators
- Slider bed belt supports
- Automatic (pneumatic) belt tensioner
- Standard and custom designs
- Standard voltage 460 volt, 3 phase, 60 cycle
- All DISA Goff equipment includes 1 year limited warranty

## Available Options

- 230 volt, 3 phase, 60 cycle electrics
- Heavy duty manganese belt conveyor
- Automatic abrasive adder
- Spill hopper with abrasive returns
- Replaceable cast cabinet lining
- Rotary scalping drum
- Abrasive blow off
- Work sensors
- Magnetic separators
- Cartridge dust collectors
- Programmable logic controllers
- Panel view operator interface
- Variable speed blast wheel controllers
- Abrasive sizing screens
- Sorting tables and conveyors
- Robotic load or unloads



**DISA**

DISA Goff's  
Wire Mesh  
Blast Cleaning  
Machine:  
Continuous  
blast cleaning  
with minimal  
parts handling.

# Efficiency and Precision:

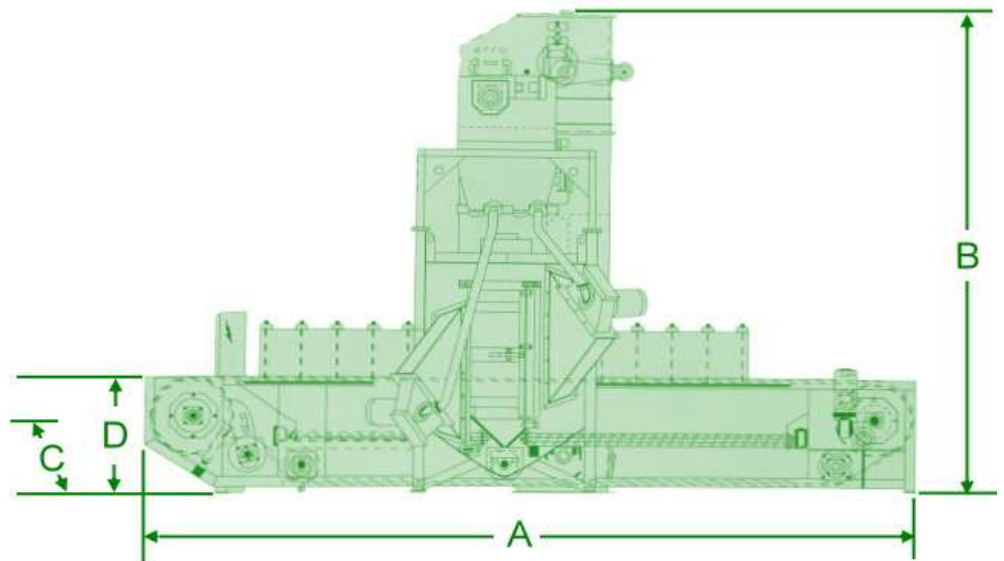
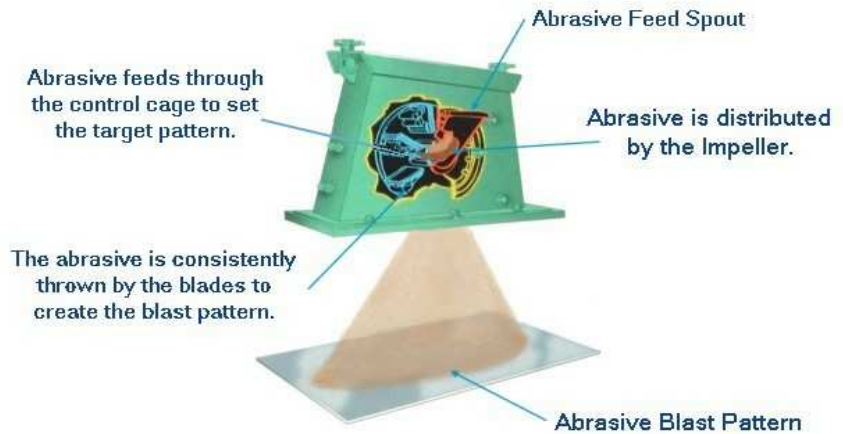
## The Blast Wheel

The Blast Wheel assembly is the heart of every DISA Goff machine. The automatically controlled abrasive valve allows the optimum flow of abrasive to the impeller in the center of the blast wheel. The impeller distributes the abrasive through the control cage.

The correct adjustment of the control cage assures that the abrasive flow is received by the blades at the proper time to target the blast pattern at the parts or castings to be cleaned. The blades then throw the abrasive at the parts to be blast cleaned.

The DISA Goff Blast Wheel is a proven design that allows and offers easy maintenance.

## Abrasive Blast Wheel



Model	W.M. 18	W.M. 24-4	W.M. 27 1/2-4	W.M. 36-8	W.M. 48-8
Belt Width	18"	24"	27 1/2"	36"	48"
Work Envelope	18" x 10"	24"W x 13"H	27 1/2"W x 13"H	36"W x 13"H	48"W x 13"H
Blast Wheels HP (1)	5 - 15 HP	7 1/2 - 30 HP (12", 13 1/2", or 15" Dia.)	10 - 30 HP (12", 13 1/2", or 15" Dia.)	10 - 30 HP (12", 13 1/2", or 15" Dia.)	10 - 30 HP (12", 13 1/2", or 15" Dia.)
Dimensions (2)					
Height (B)	18' - 21'	20' - 26'	20' - 26'	20' - 26'	24' - 28'
Width (A)	16' - 22'	20' - 24'	20' - 24'	20' - 24'	22' - 26'
Depth (C)	10' - 15'	12' - 16'	12' - 16'	13' - 20'	14' - 20'
Conveyor Work Height (D)	4' - 5'	4' - 5'6"	4' - 5'6"	4' - 5'6"	4' - 5'6"
Belt Speeds Range (fpm)	3 - 20	3-20 fpm	3-20 fpm	3-20 fpm	3-20 fpm

### Notes:

1. Blast wheel horse power and diameter will vary due to parts configuration, blast wheel placement and production requirements.
2. Dimensions will vary due to abrasive separation required.
3. Separator may be single or dual air wash.
4. Dust Collectors required will vary due to the air wash separator and the blast wheel quantity and horsepower.

**The above specifications are for reference purposes only and are subject to change without notice. Specific dimensions on the General Arrangement Drawings are confirmed.**



### **DISA Group**

Founded in 1900, DISA is the world's leading supplier of foundry equipment, metal surface finishing systems, and air pollution control solutions. DISA is constantly setting new standards in the industry through an outstanding commitment to research and development.

With 2,500 employees, DISA is represented worldwide with production facilities and sales and service offices in three continents, and an extensive agent network.

### **A.P Moller - Maersk Group**

DISA is part of the worldwide A.P. Moller - Maersk Group which has offices in 325 cities in more than 100 different countries, and employs some 50,000 people.

The business interests of the A.P. Moller - Maersk Group include oil and gas exploration and production, shipbuilding, aviation, industrial engineering and IT Services.

For illustrative purposes the DISA equipment may be shown without any warning labels and with some of the protective guards removed. The warning labels and guards must always be in place when the equipment is in use.

The technical data are not binding. They are not warranted characteristics and are subject to change. Please consult Conditions of Supply stipulated in the relevant quotations.

**DISA**  
www.disagroup.com



DISA Goff, Inc.  
One Pleasant Grove Road  
PO Box 1607  
Seminole, Oklahoma 74818-1607  
USA

Tel 405-382-6900  
Tel 800-654-4633  
Fax 405-382-7013  
disagoff@disagoff.com  
www.disagoff.com

