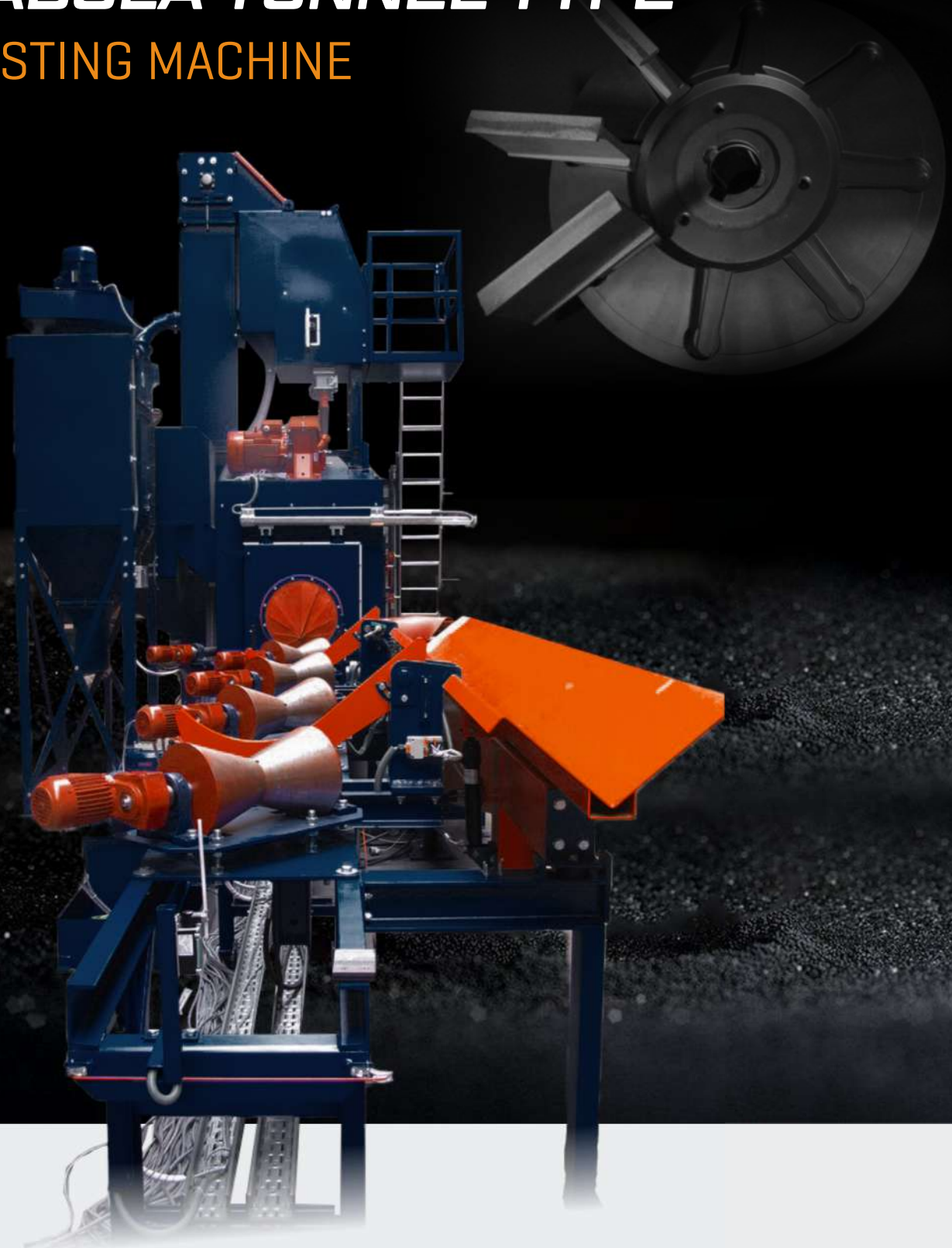




DIABOLA TUNNEL TYPE **BLASTING MACHINE**



➤ Diabola Tuner Type Shot Blasting Machine

» Advanced Pipe & Cylindrical Surface Cleaning Solution

The Diabola Tuner Type Shot Blasting Machine is specially designed for efficient cleaning of pipes, rods, shafts, and other cylindrical components. Using high-speed blast wheels and rotating diabola rollers, the machine provides 360° uniform blasting coverage, removing rust, mill scale, and surface contaminants. This system ensures high productivity, consistent surface finish, and improved coating adhesion, making it ideal for industries such as oil & gas, steel fabrication, automotive, and engineering.

➤ Key Features

- ✓ 360° Uniform Surface Cleaning
- ✓ Diabola Rollers for Smooth Pipe Rotation
- ✓ High Efficiency Blast Wheels
- ✓ Continuous Conveyor System
- ✓ Advanced Abrasive Recovery System
- ✓ High Performance Dust Collector
- ✓ PLC Based Control Panel
- ✓ Heavy Duty Industrial Construction



Blasting Process Flow

➤ Working Principle

The machine operates on a continuous conveyor system with diabola rollers that rotate the cylindrical workpieces during blasting.

➤ Process Flow

- » Pipes or rods are loaded onto diabola rollers.
- » Rollers rotate the components continuously.
- » Blast wheels project steel shots at high velocity.
- » Rust, scale, and contaminants are removed.
- » Abrasive is recovered, cleaned, and reused.
- » Dust is extracted through the dust collector system.



◆ MAIN MACHINE COMPONENTS

Loading Diabola Roller Conveyor

Diabola Rollers

Blast Chamber

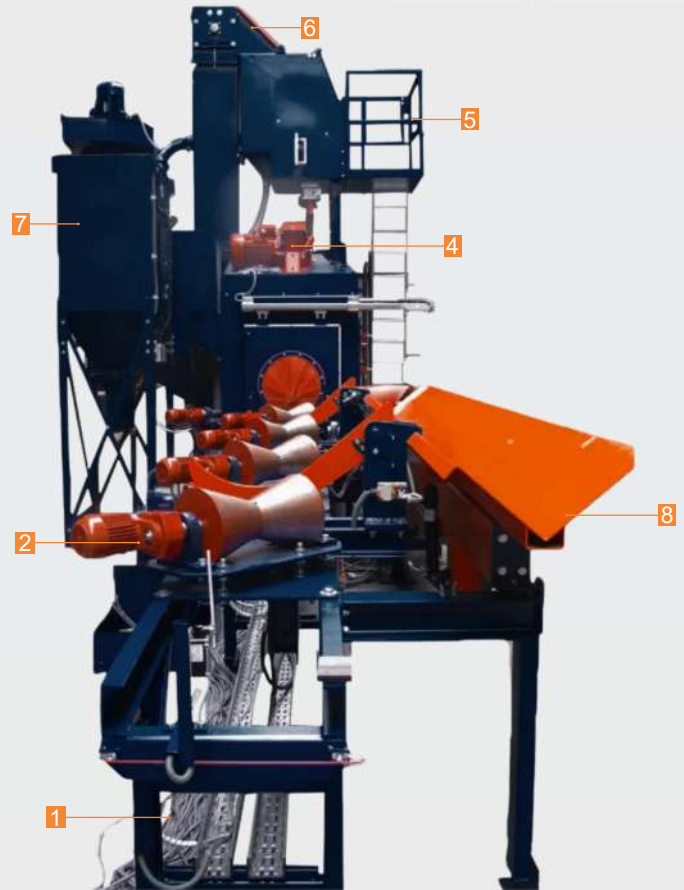
Blast Wheels

Maintenance Platform

Bucket Elevator

Pulse Jet Dust Collector

Outlet Conveyor



TECHNICAL SPECIFICATION

TYPE	Opening Diameter (mm)		HP	m/min	Machine Height	Turbine
						Number
TDB-1W-600	450	600	10	0.5 – 3	3500	1
TDB-2W-1500	900	1500	15	0.5 – 3	4500	2
TDB-3W-3250	1500	3250	15	0.5 – 3	6000	3

Note :- Other sizes available on customization.

CONTACT US



+91-8890960957



www.gecblasting.com



raju@gecblasting.com



SHOT BLASTING
An ISO 9001:2015 Certified Compy