

MARATHON 1506 | 2506 | 3008 | 4008

THE LONG DISTANCE RUNNER



Machines with entrance dimensions starting from 2500 mm upwards are standard equipped with measuring systems of the material width (1), in combination with adjustable turbines (2).



The blast pattern of the turbines is automatically adjusted to the material offered to the machine to avoid ineffective blasting and additional wear to the machine.



26 mm thick triple layer housing for high stability, high resistance to wear and bolted for easy exchange.



Easy accessible heavy duty indirect v-belt driven twin disc turbines with 8 blades. KALTENBACH uses a sub-frame for the assembly of the turbines for even better stability of the machine, thereby reducing oscillations and noise hindrance. The KALTENBACH high capacity turbines are statically and dynamically balanced.



Multi-level cascading air cleaner for ideal separation of dust and mill scale from abrasive to achieve dust free, reusable abrasive for optimal cleaning effect and minimal wear to the machine.

Designed for more heavy duty work, the MARATHON range is ideal for higher conveyor speeds and heavier loads. It is typically used by larger steel traders or steel constructors working multiple shifts as well as rolling mills and plate steel users. If the standard triple casing is not sturdy enough, we have the option to build with extra thick manganese steel.

ADVANTAGES AT A GLANCE

- ▶ 6 to 8 turbines (15 – 22 kW each, optional 30 - 55 kW)
- ▶ Triple housing of the shotblasting machine:
 - the outer hull is made of construction steel and ensures high stability of the entire system through its bolted manganese lining
 - high resistance to wear
 - the manganese lining can be quickly and easily exchanged when worn
 - total minimum 26 mm steel
- ▶ Hardened solid transport rollers
- ▶ Abrasive cleaner
 - optimum, multi-level cascading air cleaner removes dust and scale from shotblasting abrasive
 - good shotblasting results even with repeated use of the abrasive
 - the first step to low running cost
 - reduces your abrasive consumption
- ▶ Abrasive removal by integrated brush/blow-off system
- ▶ Maintenance and user friendly

APPLICATIONS

- ▶ Steel construction
- ▶ Steel service centre
- ▶ Surface treatment service centre
 - subcontracting
- ▶ Automotive sector
- ▶ Machine construction
- ▶ Crane manufacturer
- ▶ Shipyard
- ▶ Plate processing
- ▶ Rolling mill



Typical part to be shotblasted with the MARATHON.

OPTIONS

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For processing heavy, thin and short materials the machine can be equipped with short roller distances frequency inverters as well as abrasive volume control.



A shotblast machine needs to be refilled frequently with new abrasive to maintain an optimal operating mix of abrasive to guarantee the perfect cleaning effect. The automatic KALTENBACH refilling system is monitoring the filling level of the abrasive container of the machine and feeding additional abrasive out of a separate container when required.



Automatic brush/blow-off system positioned behind the blaster for removing abrasive from plates and from sections. Consisting single frame construction in which baffle plate/screw conveyor, rotating brush and cross stream ventilator are integrated. Frame adjustable in 5 mm steps and designed for continuous operation under high production demands.



As the elevator belt has to be tensioned frequently, an automatic tensioning device for the elevator belt can be offered, to reduce maintenance costs and guarantee consistent functionality.



Noise reducing cabinet around the shotblast machine.