



sinto



sinto SURFACE TECMART

for the Better

New Harmony » New Solutions™

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CND-II DRUM BLAST

FEATURES



Efficient and Uniform Shot

Synergistic stirring by drum rotation and vertical rocking achieves.



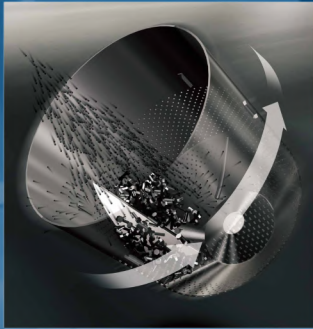
Small Products and thin Products are No Problem

Drum blast can process not only cast and forged products, but also bolt, nut, and pressed products



Reliable Product Discharge is Possible

Lot management is easy, because the product can be discharged completely.



Multi-Function Touch Panel

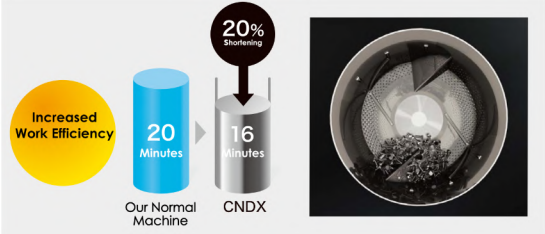


Safety functions for operator safety
A safety light curtain that detects humans



Rotary drum with vertical vibration mechanism

Our unique drum design improves performance. Adding vertical vibration to the conventional rotation multiplies the stirring effect and allows uniform finishing in less time.



Shorter Explosion Time

Special lead (option) improves agitation and reduces processing time by 20% compared to conventional equipment. Efficient processing saves energy and improves productivity



Product Biting and Product Residue "zero"

In the processing of small, thin, round and thin products such as screws and springs, quality improvement is achieved with zero product bite and product residue.

SAMPLE WORK

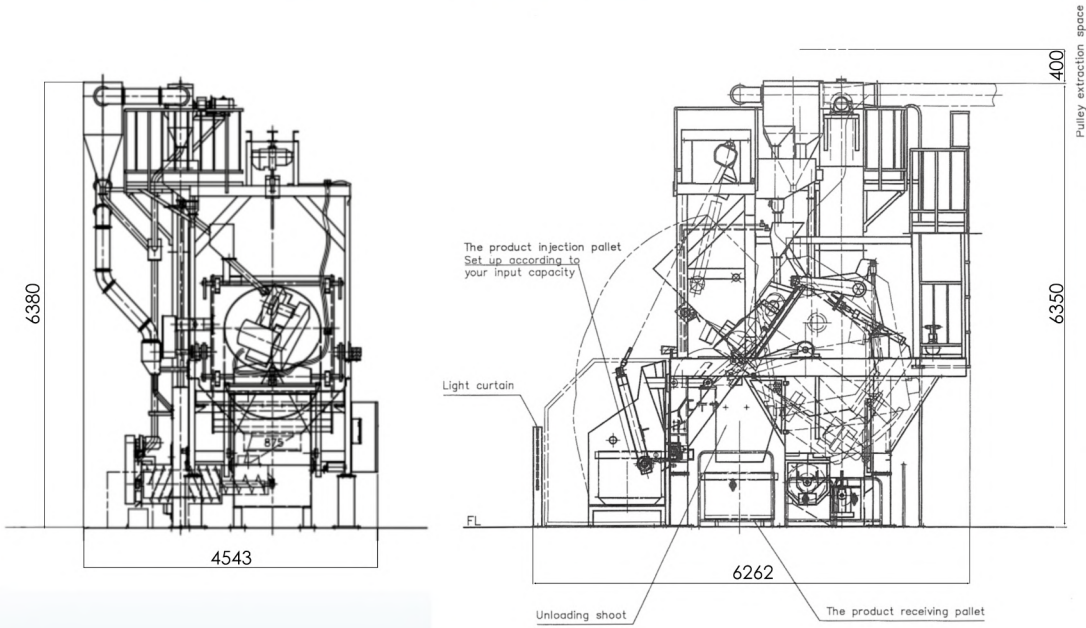


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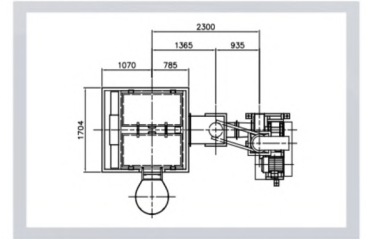


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CND-II DRUM BLAST DIMENSION



Dust collector



We will plan according to your desired layout.

SPECIFICATION CND-II

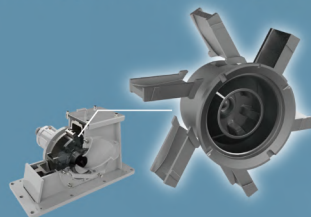
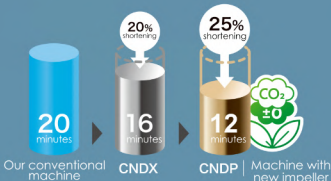
Condition	Application	(Sand) CND- II	
		Sand-removal	(Scale) CND- II De-Scale
Capacity	Applied abrasives	Steel Shot Size 0.5mm-1.7mm (S-170 ~ S-550)	
	Blasting capacity (m ³ /batch)	0.6m ³ (600L)/ batch	
	Loading weight (kg/batch)	1,200kg/batch (Including pallet weight)	
	Weight per workpiece (kg)	Max 40kg/piece	
	Length of workpiece (mm)	Max 550mm/piece	
	Workpiece temperature	Max 100°C	
	Impeller	Y-30 (30kW ×1)	
Information	Drum spec	Φ1,500×1,600L/SMn80/Shot holeΦ12 with lead	
	Dust collector (Air volume)	75m ³ /min	50m ³ /min
	Rotary screen	Included	Not included
	Control panel	PLC and Touch panel	
	Required air pressure	0.5MPa Air volume 0.1Nm ³ /min	

*To improve quality of our product, changes of specification may apply without prior notice

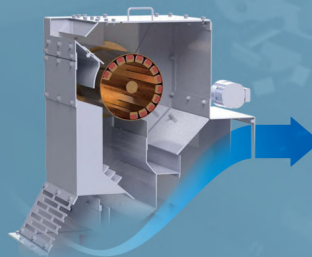
MAIN FUNCTION

New

By improving the rotating body shape of the conventional impeller and centralizing the projection range, the processing capacity has been increased and the finish can be completed in a short time. In addition to improving productivity, it also contributes to reducing running costs by reducing power consumption and extending part life by improving the effective projection rate.



New Type Magnetic Separator



Magnetic separation is performed twice with one magnet drum, and wind separation structure is performed at two locations.

This has improved the sand separation capacity by 10 times compared to conventional products, and reduced the sand mixing rate by 95%. In addition to improving productivity by eliminating the sand removal work before processing, the longer life of the impeller parts also reduces running costs.



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