

DISA MATCH 20/24



New design ensures optimum precision, speed and quality

The new DISA MATCH 20/24 is designed for foundries wanting to increase their competitive edge with reliable and efficient, high-quality casting production with the lowest possible capital investment.

Advantages which are hard to match

- Rigid construction for mould accuracy of less than 0.15 mm mismatch
- Optimum output of precision castings using automatic core setter (CSE)
- PLC control system and VDU for easy operation and troubleshooting
- Replaceable wear plates
- In-chamber spray from the chamber sides
- Simplified and service-friendly design for easy access
- Lowest possible maintenance requirements

For more information please contact:

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DISA MATCH 20/24

Technical specifications

MATCH plate system Type and chamber size Measurements #		DISA MATCH 20/24
Machine capacity:		
Uncored	moulds per hour	180
Automatically cored	moulds per hour	145
Machine dimensions:		
Length, DMM	mm	3965
Length, DMM + CSE	mm	4395
Width	mm	1890
Height, top of sand inlet	mm	3587
Height, top of machine frame	mm	2448
Height, mould bottom push out	mm	560
Height, manual core setting	mm	940
Mould dimensions:		
Length	mm	610
Width	mm	508
Height, min.-max. of drag	mm	150-200
Height, min.-max. of cope	mm	150-200
Mismatch, max.	mm	0.15
Pressure:		
Squeeze pressure	kp/cm ²	1.2 - 10.0
Shot pressure	kp/cm ²	0-4.5
Moulding sand requirements:		
By min. mould height	t/hour	26
By max. mould height	t/hour	35
Pneumatic requirements:		
Air pressure min.	bar	5
Hydraulic fluid:		
	litre	400
Netweight:		
	tonnes	11
Electrical requirements:		
Average power consumption	KW	30
Connected load	KVA	48

