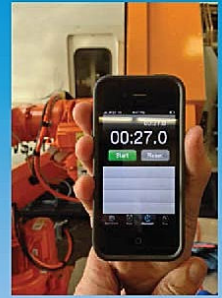


## DESIGN FEATURES

- Low Maintenance
- Simple Diagnostics
- Rugged Construction
- Trouble-free Operation
- Quick Tooling Changeovers
- Many options of accessories
- SpinCAD™ Programming Software
- Siemens Sinumerik Control System
- SetupPRO© Machine Set-up Utility
- Faster Cycle Times With Robot Loading/Unloading

Optimum Cycletime  
with Superior Quality



**MACROSS**  
**DYNAMICS**

**MACROSS DYNAMICS**  
MAKRO-DİNAMİK LTD. ŞTİ.

# Heavy Duty WS-700.400 Truck Wheel Disc Forming Machine

MD Heavy -Duty Truck Wheel Disc forming machines are specially designed for manufacturing of a wide variety of disc.

Using the latest technology available and standard components ensures the highest productivity while keeping maintenance and cost of ownership the lowest in the world.

MD customers benefit from the best service and support in the industry, through locally authorized service centers.

## Revolutionary Machine Programming Software

•Revolutionary software solutions from MJC that ease the use and setup of modern CNC Metal forming machines.

•Roller Positioning and Offset Control

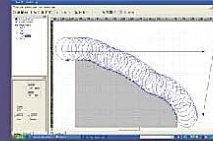
•Longitudinal Axis Force Feedback

•Main Spindle Motor Load Feedback

•Actual Cycle Time Timer for Production Cycle Optimization

•Production Part Counter for counting up or down

FlowCAD



SetupPRO®



## Machine Specifications

### Work piece

Work piece Diameter  
Blank/ Material Thickness  
Work piece Length

WS- 700.400-3

min. 300 / max. 700mm  
max. 20 mm  
max. 200 mm

WS-700-400-4

min. 300 / max. 700mm  
max. 20 mm  
max. 200 mm

### Machine Data:

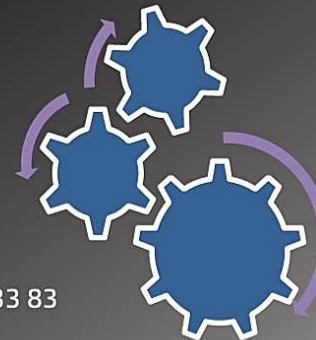
AC-Vector drive motor:	265 kW	265 kW
Speed of main spindle min-1:	100-700	100-700
Tool mounting main spindle:	DIN 55022 size 15	DIN 55022 size 15
Longitudinal slide stroke:	600mm	600 mm
Longitudinal slide speed:	max. 1.5 m/min	max. 1.5 m/min
Longitudinal slide force:	max. 756kN	max. 756kN
Longitudinal rapid slide speed:	max. 10 m/min	max. 10 m/min
Transverse slide stroke:	210mm	210 mm
Transverse slide speed:	max. 1.5m/min	max. 1.5m/min
Transverse slide force:	max. 500kN	max. 500kN
Transverse rapid slide speed:	max. 4.0m/min	max. 4.0m/min
Number of radial-feed-units in the slide:	3 units	4 units
Tailstock Travel:	300 mm	300 mm
Tailstock force:	250kN	250 kN
Siemens PLC Control:	Step 7	Step 7
Siemens CNC control:	840D	840D

Specifications Subject to Change Without Notice

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Advanced CNC Equipment for Truck Wheel Disc Forming  
WS-700.400 Truck Wheel Disc Forming Machines



ENGINEERED PERFECTION