

# RT700 - TANGENTIAL GRINDING MACHINE

WORKING CAPACITY	
Working capacity	1250x400x700 mm
Standard grinding wheel	400x127x50 mm
Max distance from wheel to table surface	700 mm
Min distance from wheel to table surface	130 mm
GEOMETRIC FEATURES	
Min and max grinding wheel thickness	20-50 mm
Table surface	1300x310 mm
Vertical wheelheads stroke	570 mm
Longitudinal stroke of the spindle	1300 mm
Transversal stroke of the spindle	350 mm
Grinding wheel vertical increment (automatic)	0.01-0.05 mm
SPEED	
Table movement speed	0-20 mm
MOTOR RATINGS	
Grindhead motor power	5.5 kw
Vertical axel motor power	0.75 kw
Transversal axel motor power	0.55 kw
Hydraulic unit motor power	1.1 kw

## STANDARD

Computerized automatic work-cycle, including preset of surfacing, spark out, head feed and return to start position  
 Low voltage electric controls 24 V.  
 Diamond dresser (diamond excluded)  
 Balancing arbor for grinding wheel  
 Grinding wheel dia. 400x127 mm thickness 50 mm  
 Set of wheel flanges  
 Grindwheel flanges hub puller  
 Pair of parallel support 135x420 mm  
 Set of clamping elements (4 pieces)  
 Coolant system  
 Service tools  
 Operating manual

## RECOMMENDED

AZ600 Pair of flanges  
 AZ390 Grinding coolant (5 liters)  
 AZ410 Diamond and rest 1,5 kt

## OPTIONAL

AZ234 Splash-guard with sliding doors for RT700  
 AZ415 Wheel balancing stand (for static balancing)  
 AZ698 Universal support for heads  
 AZ700 V-engine fixture  
 AZ303 Grinding wheel 400x127x50 mm  
 AZ312.01 Magnetic table for RT700 (600x300 mm)



AZ312.01



AZ303



AZ600



AZ390



AZ410



AZ234



AZ415



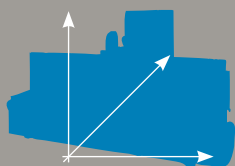
AZ698



AZ700

## SPECIFICATIONS >>>

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Dimensions of the installed machine	3600x1900x2050 cm
Length x width x height	3600x1600x2050 cm
Length x width x height (with packing)	3800x1800x2250 cm
Weights without packing	2600 kg
Weights with packing	2900 kg

## DIMENSIONS AND WEIGHTS >>>



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### THE MACHINE HAS BEEN DESIGNED FOR ENGINE RECONDITIONING AND FOR GENERAL PURPOSE MACHINING

Machining in the engine reconditioning  
The RT 700 is particularly suitable for grinding  
engine-head with pre-chambers  
The machine is also suitable for grinding small parts  
on magnetic plate  
One important peculiarity of RT 700 is the large  
working capacity: 1.250x330x700mm.