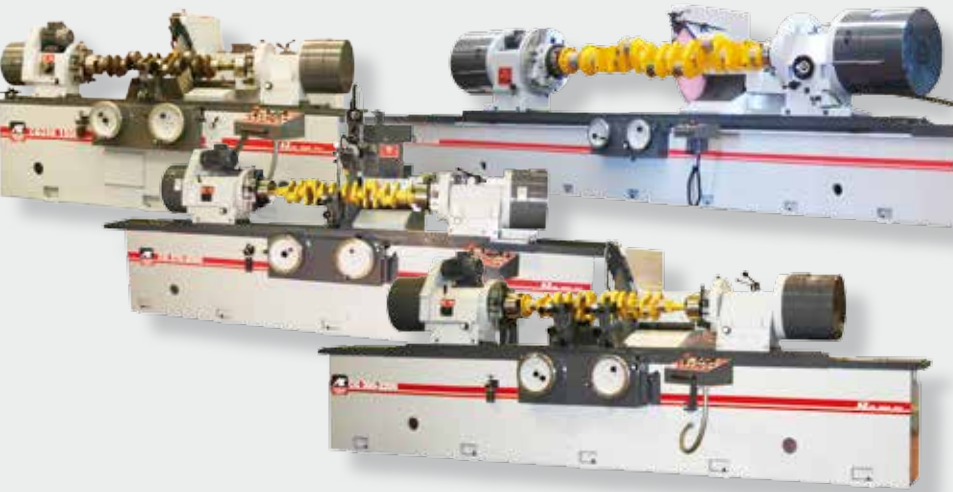




THE WORLD LEADING
TECHNOLOGY IN
GRINDING EQUIPMENT

CG260-300-360-460-575-600



CONVENTIONAL CRANKSHAFT GRINDER
Max distance between centers **from 1500 to 5000 mm**
Height of centers on table **from 260 to 605 mm**
Swing over table **from 520 to 1200 mm**

CGA270-300-360



NEW AUTOMATED CRANKSHAFT GRINDER
Max distance between centers **from 2000 to 3500 mm**
Height of centers on table **from 270 to 360 mm**
Swing over table **from 540 to 720 mm**

CGX270-300-360-460-575-600



CNC CRANKSHAFT GRINDER
Max distance between centers **from 2000 to 5000 mm**
Height of centers on table **from 270 to 605 mm**
Swing over table **from 540 to 1200 mm**

VBX300-500



CNC VERTICAL BORING MACHINE
Boring range **30-500 mm**
Table travel **2000-3500 mm**
Spindle travel **700-850 mm**

VB150-150M



VERTICAL BORING AND MILLING MACHINE
Boring range **30-170 mm**
Table surface **860x340 mm**
Distance from spindle axis to column **240 mm**

VB82-182M



VERTICAL BORING AND MILLING MACHINE
Boring range **30-200 mm**
Table surface **1430x400 mm**
Distance from spindle axis to column **300-420 mm**

VB260-260M



VERTICAL BORING AND MILLING MACHINE
Boring range **30-260 mm**
Table surface **2000x500 mm**
Distance from spindle axis to column **360-560 mm**

VB400



VERTICAL BORING AND MILLING MACHINE
Boring range **30-400 mm**
Table surface **2000x650 mm**
Distance from spindle axis to column **420 mm**

VB500



VERTICAL BORING AND MILLING MACHINE
Boring range **30-500 mm**
Table surface **3000x850 mm**
Distance from spindle axis to column **550 mm**

CH150-200-300



CYLINDER HONING MACHINE
Honing range **180 | 200 | 300 mm**
Workpiece max length **1420 | 1420 | 1600 mm**
Max honing length (stroke) **300 | 300 | 500 mm**

BAC1500-2000-2500-4000



ALIGN BORING MACHINES
Max length of block **from 1500 to 4200 mm**
Min-max boring diameter **23-200/23-250**
Maximum spindle travel **400+120**

SM10-13



CONVENTIONAL AND AUTOMATED SURFACE GRINDING-MILLING MACHINES
Max automatic table traverse **from 1030 to 1440 mm**
Max grinding or milling width **from 340 to 420 mm**
Useful table surface **850x340/1100x340/1440x420**

SMX14



CONVENTIONAL, HYDRAULIC AND AUTOMATED SURFACE GRINDING-MILLING MACHINES
Max automatic table traverse **from 1300 to 2000 mm**
Max. grinding width **from 340 to 440 mm**
Useful table surface **1100x340/1400x410/1800x440**

SP1300-1600-2000



SPX1300-1600-2000

RTX700-1000



AUTOMATED TANGENTIAL GRINDING MACHINE
Surface to be ground **1250x400x700/1800x500x950 mm**
Standard grinding wheel **400x127x50 mm**
Longitudinal table travel **1300x310/1890x460 mm**

VGX



VALVE GRINDING MACHINE
Min-max valve stem diameter admitted **6-16 mm**
Max head dia admitted **90 mm**
Min-max grinding angle **20°-60°**

VG28



VALVE GRINDING MACHINE
Max valve head diameter **6 mm**
Min and max valve diameter **19 mm**
Grinding angle **0° | 75°**

VV80



VALVE SEAT REFACING MACHINE
Cylinder head max length **1200 mm**
Min and max boring diameter **16-68 mm**
Spindle max stroke **200 mm**

PHT120



CYLINDER HEAD PRESSURE TESTER MACHINE
Max unit capacity **1200 x 400 x 300 mm**
Max stroke **600 mm**
Water capacity **420 l**

CP150-250-6000



STRAIGHTENING PRESS
Max distance between support **1600-5000 mm**
Rotating mass max diameter **110-850 mm**
Max force **8000-150000 kg**

ME150-BL50



ME150 | CAP AND ROD GRINDING MACHINE
Motor power **0,75 KW**
Min boring diameter **178 mm**

BL600



BL50 | MILLING MACHINE FOR CONNECTING RODS/CAPS
Motor power **1,1 Kw**
External cutter diameter **50 mm**

BR650-1000



CONROD BORING MACHINE
Max conrod center distance **650 mm**
Min and max boring diameter **15 | 160 mm**

CW400-600-800



CONROD BORING AND GRINDING MACHINE
Max conrod center distance **650-1000 mm**
Min and max boring diameter **15-250 mm**

CE502-750



CRANKSHAFT WELDING MACHINE
Carriage travel (max crank length) **2000-6000 mm**
Power welding **400-600 A**

CD15-20-25-28



ELECTRONIC BALANCING MACHINE
Rotor weight **from 2 to 4500 kg**
Maximum diameter of rotor **up to 1580 mm**
Maximum sensitivity **up to 0.8 gmm**



THE WORLD LEADING
TECHNOLOGY IN
GRINDING EQUIPMENT

CG	CONVENTIONAL CRANKSHAFT GRINDING MACHINE	CGA	AUTOMATED CRANKSHAFT GRINDING MACHINE	CGX	CNC CRANKSHAFT GRINDING MACHINE
VB	VERTICAL BORING-MILLING MACHINE	VBX	AUTOMATED VERTICAL BORING-MILLING MACHINE	MCX	CNC MACHINING CENTER
CH	HONING MACHINE	BAC	ALIGN BORING MACHINE		
SM	SURFACE GRINDING-MILLING MACHINE	SMX	AUTOMATED SURFACE GRINDING-MILLING MACHINE	SP	SURFACE GRINDING-MILLING MACHINE
				SPX	AUTOMATED SURFACE GRINDING-MILLING MACHINE
VGX	VALVE GRINDING MACHINE	VG	VALVE GRINDING MACHINE	VV	VALVE SEAT REFACING MACHINE
RTX	AUTOMATED TANGENTIAL GRINDING MACHINE	PHT	CYLINDER HEAD PRESSURE TESTER MACHINE		
BR	CONROD BORING-GRINDING MACHINE	BL	CONROD BORING MACHINE- MILLING MACHINE FOR CONRODS AND CAPS	ME	CAPS AND RODS GRINDING MACHINE
CW	WELDING MACHINE	CD	MAGNETOSCOPE	CP	STRAIGHTENING PRESS
				CE	ELECTRONIC BALANCING MACHINE



THE WORLD LEADING
TECHNOLOGY IN
GRINDING EQUIPMENT



AZ spa
via dell'elettronica 20
36016 Thiene (VI) ITALY

T +39 0445 575543
F +39 0445 575756
info@azspa.it