AC170 Cylinder Boring Machine



Boring range	35÷170 mm
Head vertical travel	580 mm
Distance head-table min-max	390÷970 mm
Distance spindle-column	300 mm
Table surface	1140x370 mm
Longitudinal table travel max	970 mm
Table cross traverse	200 mm
Spindle rotation speed	50÷850 rpm
Spindle feed speed	20÷175 mm/min
Spindle motor power	1.5 kW
Head feed motor power	0.55 kW

ACF200 Cylinder Boring-Resurfacing Machine



Boring range	35÷170 mm
Head vertical travel	680 mm
Distance head-table min-max	350÷1020 mm
Distance spindle-column	310 mm
Table surface	1340x370 mm
Longitudinal table travel max	1180 mm
Table cross traverse	200 mm
Spindle rotation speed	50÷850 rpm
Spindle feed speed	0÷175 mm/min
Table feed speed	0÷640 mm/min
Spindle motor power	1.5 kW
Head feed motor power	0.37 kW
Table motor power	0.55 kW

ACF200.CNC Cylinder Boring-Resurfacing Machine



Boring range	35÷170 mm
Head vertical travel	700 mm
Distance head-table min-max	370÷1020 mm
Distance spindle-column	290 mm
Table surface	1340x370 mm
Longitudinal table travel max	1200 mm
Table cross traverse	200 mm
Spindle rotation speed	75÷600 rpm
Spindle feed speed	0÷3000 mm/min
Table feed speed	0÷3000 mm/min
Spindle motor power	1.5 kW
Head feed motor power	0.4 kW
Table motor power	0.4 kW

Design: SoniaT+C - 09/26

LEV300-LEV300.L Cylinder Honing Machine



Honing diameter min-max	25÷500 mm	25÷500 mm
Spindle stroke	280 mm	280 mm
Spindle rotation speed	0÷150 rpm	0÷150 rpm
Distance table-honer min-max	600÷870 mm	600÷870 mm
Longitudinal head stroke	790 mm	1280 mm
Workpiece dimensions	900x800x550 mm	1400x800x550 mm
Spindle rotation motor power	0.75 kW	0.75 kW
Up-down piston motor power	1.5 kW	1.5 kW

VPT160-VPT190 Pressure Tester for Heads and Blocks



Cylinder head capacity max	1350x410x410 mm	1350x460x410 mm
Tank capacity	580 lt	710 lt
Cradle stroke max	550 mm	550 mm
Heating elements	2x4.5 kW	2x4.5 kW
Adjustable working temperature	30°-90° C	30°-90° C
Cradle revolving speed	4 rpm	4 rpm
Cradle up-down speed	60 mm/s	60 mm/s
Adjustable air pressure	0-10 bar	0-10 bar
Hydraulic hoist motor	0.75 kW	0.75 kW
Cradle revolving motor-reducer	0.25 kW	0.25 kW

PVO535 Dual Axis Levelling Table



Work surface dimensions	760x380 mm
Support base dimensions	530x332 mm
Table tilt on the X axis	-0.5°/+0.5°
Table tilt on the Y axis	-15°/+35°
Load capacity of the leveling table max	250 Kg



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Engine Line

RP330 Swing Head Resurfacing Machine



Table surface	670x270 mm
Working height min-max	180÷400 mm
Column vertical travel	210 mm
Grinding wheel diameter	330 mm
Spindle speed	1400 rpm
Feed speed	145 mm/min
Head motor power	2.2 kW
Feed motor power	0.11 kW
Coolant pump motor	0.11 kW

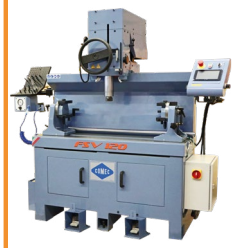
RP1300 Cylinder Head and Block Resurfacer



Table travel	1320 mm
Workpiece length max	1225 mm
Workpiece width max	355 mm*
Workpiece height min-max	190÷720 mm
Useful table surface	1100x230 mm
Grinding wheel diameter	355 mm (14")
Spindle speed	300÷1500 rpm
Table feed speed	0÷1200 mm/min
Head motor power	4.0 kW
Table motor power	0.55 kW

* (Optional 405 mm - 16")

FSV100-FSV120 Valve Seat Cutting Machine



Cylinder head dimensions max	746x228x150 mm	1120x300x150 mm
Valve seat diameter range	14÷76 mm	14÷76 mm
Spindle diameter	56 mm	80 mm
Spindle taper	ISO 30	ISO 30
Adjustable spindle speed	0÷500 rpm	0÷500 rpm
Spindle travel/Vertical stroke	180 mm	200 mm
Work Head Horizontal Travel	750 mm	980 mm
Work Head Cross Travel	50 mm	50 mm
Work head tilt	±15°	±15°
Distance table - spindle max	473 mm	510 mm
Working air pressure	6 bar	6 bar
Spindle motor power	0.55 kW	1.5 kW

RP850 Cylinder Head and Block Resurfacer



Table travel	930 mm
Workpiece length max	850 mm
Workpiece width max	330 mm
Workpiece height min-max	160÷360 mm
Milling plate diameter	330 mm (13")
Spindle speed	300÷1200 rpm
Table feed speed	0÷600 mm/min
Head motor power	1.5 kW
Table motor power	0.75 kW

RP1400.CNC Cylinder Head and Block Resurfacer



Table travel	1410 mm
Workpiece length max	1195 mm
Workpiece width max	410 mm
Workpiece height min-max	170÷690 mm
Useful table surface	1100x335 mm
Grinding wheel diameter	410 mm (16")
Spindle speed	300÷1200 rpm
Table feed speed	0÷1500 mm/min
Head motor power	2.2 kW
Table motor power	0.55 kW
Feed torque motor	0.55 kW

LBM950 Line Boring Machine for Cylinder Head and Blocks



Boring capacity min-max	24÷85 mm
Boring bar travel max	190 mm
Distance height supports-bar C/L min-max	55÷300 mm
Cylinder head and block length max	800 mm
Cylinder head and block width max	300 mm
Variable spindle rotation speed	0÷1000 rpm
Travel feed speed	0÷50 mm/rev
Feed motor power	0.4 kW
Spindle rotation motor power	0.4 kW

RP1000 Cylinder Head and Block Resurfacer



Table travel	1000 mm
Workpiece length max	895 mm
Workpiece width max	355 mm
Workpiece height min-max	125÷545 mm
Useful table surface	920x210 mm
Grinding wheel diameter	355 mm (14")
Spindle speed	300÷1500 rpm
Table feed speed	0÷1500 mm/min
Head motor power	2.2 kW
Table motor power	0.55 kW
Head rapid feed motor power	0.18 kW

RV516.ASM Centerless Valve Refacing Machine



Valve stem diameter	4÷16 mm
Valve stem length	55÷330 mm
Valve head diameter	114 mm
Face angles	0°÷ 60°
Grinding wheel speed	2800 rpm
Main grinding wheel diameter	215 mm
Secondary grinding wheel	100 mm

BGV220-BGV260 Work Station for Cylinder Head Valve Guides



Horizontal movement	600 mm	1100 mm
Vertical movement	100 mm	100 mm
Upper cylinder stroke	260 mm	260 mm
Table rotation	±50°	±50°
Cylinder head length max	800 mm	1300 mm
Cylinder head height max	300 mm	300 mm
Working pressure	180 bar	180 bar
Working force	0÷5 ton	0÷5 ton
Motor power	1.5 kW	1.5 kW