

MACHINE TYPE	IG80-II	IG100C	IG100A	IG125
DESCRIPTION	SEMI-AUTOMATIC HORIZONTAL GRINDING MACHINE with automatic grinding pass from $\varnothing 0,8\text{mm}$ to $\varnothing 20\text{mm}$	AUTOMATIC HORIZONTAL GRINDING MACHINE with automatic grinding pass and digital automatic angle motion from $\varnothing 0,8\text{mm}$	AUTOMATIC HORIZONTAL GRINDING MACHINE with automatic grinding pass and digital automatic angle motion from $\varnothing 0,8\text{mm}$	AUTOMATIC HORIZONTAL WET GRINDING MACHINE high-precision machine able to perform several operations
CHUCK	chuck $\varnothing 80\text{mm}$	chuck $\varnothing 100\text{mm}$	chuck $\varnothing 100\text{mm}$	chuck $\varnothing 125\text{mm}$ or $\varnothing 160\text{mm}$
MACHINE PRECISION	0,01mm	5 μm	5 μm	5 μm
RANGE OF \varnothing PROCESSED	for dies from $\varnothing 0,8\text{mm}$ to $\varnothing 20\text{mm}$	for dies from $\varnothing 0,8\text{mm}$ to $\varnothing 30\text{mm}$	for dies from $\varnothing 0,8\text{mm}$ to $\varnothing 30\text{mm}$	for dies up to $\varnothing 70\text{mm}$
ANGLE PRECISION	$\pm 0,25^\circ$	$\pm 30''$	$\pm 30''$	$\pm 30''$
ANGULAR INCLINATION	Up to 40°	new motorized lead angle system (0 to 75°)	new motorized lead angle system (0 to 75°)	new motorized lead angle system (0 to 75°)
REPEATING OF OPERATIONS	memorizing of 1 operation	memorizing of 5 operations in « learn » mode on the 1st die	memorizing of 5 operations in « learn » mode on the 1st die	memorizing of 5 operations in « learn » mode on the 1st die
HIGH-FREQUENCY SPINDLE	up to 24,000rpm	up to 50,000rpm	up to 50,000rpm	up to 30,000rpm
HOLDING CAPACITY	up to 80mm – 100mm	up to 100mm	up to 100mm	up to 160mm
WORKING LENGTH	30mm	40mm	40mm	100mm
AXIS CONTROL	axis management by motor control allowing an advance in micron	axis management by motor control allowing an advance in micron	axis management by motor control allowing an advance in micron	axis management by motor control allowing an advance in micron
SPINDLE TYPES	various spindle types available depending on material and diameters to be ground	various spindle types available depending on material and diameters to be ground	various spindle types available depending on material and diameters to be ground	various spindle types available depending on material and diameters to be ground
MISCELLANEOUS	without outer casing	classic version without outer casing	totally ducted working area for users' safety	<ul style="list-style-type: none"> totally ducted working area for users' safety centralized lubrication for better processing & easier maintenance

Please contact us for further information and in order to determine which machine will meet your requirements.
contact@moutonrivom.com

