

INTEGREX i-250H S 1000 mm Bed (Universal)

SUMMARY



Serial Number: 339283
PO Number: PL1006
Available From: 06.10.2023
Factory: MI

Preis

515.000 €
zzgl. gesetz. MwSt.

STANDARD SPECIFICATION

CAPACITY

Chuck size main spindle	8 "
Chuck size secondary spindle	8 "
Maximum machining diameter	670 mm
Bar work capability main spindle (dependent on chuck system)	65 mm
<i>Ø65 mm bar capacity with B-210A615A + SR1677C</i>	

MAIN SPINDLE

Rotating speed maximum	5,000 min ⁻¹
Motor output (40% ED rating)	22.0 kW

SECONDARY SPINDLE

Rotating speed maximum	5,000 min ⁻¹
Motor output (40% ED rating)	18.5 kW

MILLING HEAD

Milling spindle speed maximum	12,000 min ⁻¹
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FEED AXES

Movement stroke X	695 mm
<i>695 mm (+570 mm/-125 mm)</i>	
Movement stroke Z	1,077 mm
Movement stroke Y	300 mm
Movement stroke B	240° (-30° ~ +210°)
Movement stroke W	1,026 mm

AUTO TOOL CHANGER & MAGAZINE

Tool storage per magazine	38
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STANDARD EQUIPMENT

These items are supplied as standard.

GENERAL MACHINE OPTIONS

AS092	Automatic power on/off and warm up
AS250	ATC auto recovery
AT001	Front tool set up unit
CO032	Chuck airblast (2nd spindle) BY NC command
EL110	Power transformer for European Market
MM007	Number display magazine panel (n/a with tool ID)
MO575	Roller guide
MR372	Milling spindle speed 12,000 rpm (24kW/oil & air)
NO823	USB interface (1 port)
OP240	Second Spindle Speed 4,000 rpm
OR065	2nd spindle motor AC 18.5 KW (25 HP)
PL089	Status Light
SB801	Spindle bore D=76mm (1st spindle)
SD073	One set of manuals (CD)
SD120	One set of adjusting tools
SD130	Foundation kit (plates)
SD717	Mazak standard colour (frost white (fine)/satin black)
SI044	C1 axis positioning 0.0001° contouring
SI091	C2 axis positioning 0.001° without contouring
SP079	1st spindle motor AC 22 kW (30HP)
SR256	Spindle Speed 5,000 rpm (L&R)
YI300	B axis 0.0001° contouring (requires EIA/ISO)

TOOL MAGAZINES

AT708	38 HSK tool magazine (requires tools)
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PROCESS SUPPORT SOFTWARE

NO539	Function Smooth Restart
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HEALTH & SAFETY

AS028	Operator door interlock with lock-switch
CO077	Double foot switch (1st & 2nd spindle)
MO110	Hydraulic pressure interlock This interlock is a safety unit for detecting an oil pressure alarm through a pressure switch and stopping the machine
SD020	Full coverage chip and coolant guard To prevent unauthorised access to the cutting envelope as well as the containment of all swarf and coolant
SD030	Work light Located on the top of the machine to assist operators in the safe and effective setting up and use of the machine
SD755	The safety measures on worldwide level
SD765	New Safety Measures 2021
SF079	Absolute positioning system (linear axes)

COOLANT SYSTEMS

CS370	Coolant through milling head
CS502	5 kg through coolant/flood coolant simultaneous flowable Coolant pump (commonly used for both the through-coolant and the flood coolant)
MO551	Coolers for ball screw (X, Y & Z axis)
SD010	Complete coolant system Includes pumps, valves, piping and nozzles

CHUCKING SYSTEMS

CO011	Automatic chuck jaw open/close (1&2 spindle)
CO021	Chuck open/close confirmation (1&2 spindle)
JB179	8" thru-hole chuck B208A615 (1st spindle)
JB183	8" thru-hole chuck B208A615 (2nd spindle)

HIGH PRECISION OPTIONS

SF205	XYZ pitch error compensation input
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MEASURING SYSTEMS

MT032	Tool eye (automatic) including tool management For tool wear offset compensation and broken tool detection
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SWARF MANAGEMENT SYSTEMS

CV506	Preparation for chip conveyor (side)
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MAZATROL

NO369	Solid Mazatrol
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NC CONTROLLER

MO318	EIA/ISO 1st spindle & mill spindle simultaneous rotation
MZ200	Relocation detector
NC204	Mazatrol Smooth AI CNC
NC322	19" colour LCD (touch screen)
NO097	EIA/ISO package
	NO098 EIA/ISO code input function (standard)
	NO139 Additional EIA/ISO functions (requires EIA/ISO)
	NO483 Thread cutting function
	NO142 Inverse time feed
	NO136 G37 auto tool length measurement
	NO509 Polar coordinates input (EIA)
	NO144 Sequence number comparison stop function
	NO481 Additional workpiece coordinate system 300 pairs
	NO051 User macro (common variables: 600 pairs)
	NO075 Mazak tapping/boring tornado (EIA/ISO)
	NO516 EIA pattern cycle (grid, arc)
	NO149 Tilted working plane
NO420	3D co-ordinate conversion
NO512	Direct entry of drawing dimensions
NO827	LAN port
NO838	SD memory card interface (1 port) and USB interface (1 port)
NP325	Smooth Standard Software
	- NO443 B) Mazacc 2D software (shape compensation)
	- NO444 D) Mazacc 3D high speed software package
	- NO445 B) Shape compensation for rotary axes
	- NO497 D) High smoothing control (requires Mazacc 3D)
	- Seamless corner control
	- Variable acceleration control
	- Ultra high speed machining mode
	- Rapid overlap
SD113	Intelligent safety shield

CAD/CAM SOFTWARE

NO003	McAfee embedded control
SD121	AI thermal shield

ADDITIONAL EQUIPMENT**MODEL**

1000U 1000 mm Bed (Universal)

GENERAL MACHINE OPTIONS

CO029 Chuck Airblast (1 st spindle)

SI098 C2 axis positioning 0.0001° contouring/sync

TOOL MAGAZINES

AT375 74 CAPTO tool magazine (requires tools)

COOLANT SYSTEMS

CS808 Preparation for coolant (Europe) including preparation for 70kg through

FACTORY AUTOMATION SYSTEM

AS309 Automatic front door open

CHUCKING SYSTEMS

JB497 8" thru-hole chuck BB08 (1st spindle)

ROBOT HANDLING SYSTEM

GL015 Robot Interface (advance/Ethernet/IP)

MEASURING SYSTEMS

MB267 Preparation for RMP60 probe

SWarf MANAGEMENT SYSTEMS

CV057 Chip conveyor side disposal(hinge) 1500U

CREDIT

JA006 Delete standard chuck & cylinder (1st spindle)

NC CONTROLLER

NO066 Smooth synchronised tapping (milling spindle)

NO599 B) Cylindrical and polar co-ordinate

CUSTOM ITEMS/SPECIAL OPTIONS

XX001 FOUNDATION KIT(EPOXY) W/O EPOXY

Price on request