cnc-nordic

Machine Offer

Mazak HQR-200MSY

Ref no. 18889



Manufacturer: Mazak
Model: HQR-200MSY
Serial number: 293299
Year 2019

Machine Dimensions
Width 3055 mm
Length 4670 mm

Operation Hours: 15059

KUKA Robot "Smart Zell" KR 60-3 - Payload 60 kg
Serial number: 705576
Year 11/2018

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HQR-200MSY

SPECIFIKATIONER OG UDSTYR UDOVER STANDARDUDSTYR

MODEL

0850U	HQR-200MSY 850 mm Bed (Universal)

GENERAL MACHINE OPTIONS

CI046	Chuck Airblast (1st spindle) as retrofit (BSOD-BADD9N) *
CI047	Air blow for work transfer as retrofit (BSOD-BADD9N) *

SECOND SPINDLE C AXIS

SI095	C2 axis positioning 0.0001° contouring

HEALTH & SAFETY

CI048	Overload detection (Head 1 & Head 2) as retrofit (BSOD-BADD9N) *

OPERATION CONDITION LIGHTS

CI049	Signal tower (3 colour lights) as retrofit (BSOD-BADD9N) *

COOLANT SYSTEMS

CI052	1 additional Coolant Tank incl. 1 x 30 bar Grundfos pump for Coolant through Turret 1 and Turret 2, and 1 x 15 bar Grundos pumps for Coolant through for SP2

CHUCKING SYSTEMS

CI056	SP.1: Self centring 3 jaw quick change chuck SMW-AUTOBLOK type Ø225-66 KNCS-2G ASA2-6". Complete with master jaws (GBK-2G) + hard step top jaws (GUA) (28789.1) *
CI057	SP.1: Hydraulic open cylinder SMW-AUTOBLOK 150-67 VNK-T2 (28789.1) *
CI058	SP.1: Draw tube with nominal Ø66 mm. through hole external max Ø75 mm. In balanced execution (max. length = 750 mm) (28789.1) *
CI059	SP.1: Mounting parts. Concerns cylinder bracket, mounting bolts, seals, no hoses, Sticker with clampingforces (28789.1) *
CI060	SP.2: Self centring 3 jaw quick change chuck SMW-AUTOBLOK type Ø225-66 KNCS-2G ASA2-6". Complete with master jaws (GBK-2G) + hard step top jaws (GUA) (28789.1) *
CI061	SP.2: Closed cylinder SMW-AUTOBLOK typ SIN-S 150 (28789.1) *
CI062	SP.2: Cylinderflange SIN-S 150 with a maximum diameter of Ø 192 mm (28789.1) *
CI063	SP.2: Draw tube with nominal Ø66 mm. through hole external max Ø75 mm. In balanced execution (max. length = 750 mm) (28789.1) *
CI064	SP.2: Cylinderadaptor SIN-S 150, for partial open draw tube with coolant flush circuit and seals (28789.1) *
CI065	SP.2: Rotary joint for mounting directly in SIN-S cylinders. Type RU-1-16. (The medium must be free of contamination filter 25 mµ requested) (28789.1) *
CI066	SP.2: Mounting beker for KNCS-N 225-66 chuck. (Spray cap not included) (28789.1) *
CI067	SP.2: Mounting parts. Concerns cylinder bracket, rotating manifold bracket, mounting bolts, seals, no hoses, Sticker with clampingforces (28789.1) *
CI068	SP.2: Spray cap to be placed in to the spraycap mounting beker from size KNCS-N 170 up to KNCS-N 1000. (28789.1) *
CI069	SP.2: Coolant supply tube for placing in the partial open drawtube dia. Ø43 max Ø66. 2 support bushes with O-ring included (28789.1) *
CI070	SP.2: Bronze seal plug for a partial open drawtube and too be used together with a coolant supply tube (28789.1) *
CI071	Add. Jaws: Hard gripper jaws GGK 2001 for 590-1191-001 (28789.1) *
CI072	Add. Jaws: Hard gripper jaws GGK 2002 for 590-1192-001 (28789.1) *
CI073	Add. Jaws: Hard gripper jaws GGK 2003 for 590-1193-001 (28789.1) *

CI074	Add. Jaws: Special jaws in a hard execution to grip Ø138.9 mm. for part 1192 (28789.1) *
CI075	Add. Jaws: Special jaws in hard execution for part 590-1191-001 gripping on Ø59 mm Width of the jaws 45 mm.(grips over the corners of the hexagonal) (28789.1) *
CI076	Add. Jaws: Special jaws in hard execution for part 590-1193-001 gripping on diam. Ø160 (28789.1) *
CI077	**6 x** Add. Jaws: Master jaw GBK-2G 200 (28789.1) *
CI078	Add. Jaws: THE SPECIAL HARD TOP JAWS NEED TO BE RE-MACHINED ON THE MACHINE (28789.1) *

ROBOT HANDLING SYSTEMS

CI051	Robot Interface (basic) as retrofit (BSOD-BADD9N) *

SWARF MANAGEMENT SYSTEMS

CV552	Preparation for chip conveyor (side disposal) hinge (850U)
CI002	Mayfran, Chip Conveyor, Side Hinge (643337)

NC CONTROLLER

CI036	MT Connect Adapters Smooth S/G (647083)
CI037	API Function Mazak (647066)
CI050	Additional M-code one set (2 M-codes) as retrofit (BSOD-BADD9N) *
CI053	Engraving function (MEG-98) *

MISCELLANEOUS

CI003	Freight and crane and set in
CI004	Installation
CI005	**3 x** Training days

APPENDIX 1

HQR-200MSY

STANDARDUDSTYR

GENERAL MACHINE OPTIONS

CO032	Chuck airblast (2nd spindle) BY NC command
EL110	Power transformer for European Market
MO575	Roller guide
NO823	USB interface (1 port)
SD120	One set of adjusting tools
SD130	Foundation kit (plates)
TD023	12 position drum turret (VDI upper)
TD024	12 position drum turret (VDI lower)
YI031	Y axis control (upper & lower turret)

PROCESS SUPPORT SOFTWARE

NO539	Fonction Smooth Restart

MANUALS

SD073	One set of manuals (CD)

ROTARY TOOL SPINDLE SPEED

TR070	Rotary tool spindle speed 6,000rpm

SPINDLE SPEED

SR252	Spindle speed 5,000rpm (1st spindle)

SPINDLE SPEED (2ND SPINDLE)

OP254	Second spindle speed 5000rpm

SPINDLE BORE (1ST SPINDLE)

SB801	Spindle bore D=76mm (1st spindle)

SPINDLE MOTOR (1ST SPINDLE)

SP079	1st spindle motor AC22kW (30HP)

SPINDLE MOTOR (2ND SPINDLE)

OR066	Spindle motor AC22KW (30HP) (2nd spindle)

MAIN SPINDLE C AXIS

SI044	C1 axis positioning 0.0001° contouring

SECOND SPINDLE C AXIS

SI091	C2 axis positioning 0.001° without contouring

MACHINE COLOUR

SD728	Mazak standard colour (flat white/silky black)

HEALTH & SAFETY

AS028	Operator door interlock with lock-switch
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

SD020 Full coverage chip and coolant guard
Located on the top of the machine to assist operators in the safe and effective setting up and use of the machine

MO110 Hydraulic pressure interlock
This interlock is a safety unit for detecting an oil pressure alarm through a pressure switch and stopping the machine

COOLANT SYSTEMS

SD010 Complete coolant system
Includes pumps, valves, piping and nozzles

FACTORY AUTOMATION SYSTEMS

AS092 Automatic power on/off and warm up

CHUCKING SYSTEMS

CO011 Automatic chuck jaw open/close (1&2 spindle)

CO021 Chuck open/close confirmation (1&2 spindle)

MEASURING SYSTEMS

SF077 Absolute Positioning System

TOOL EYE

MT047 Automatic tool eye (1st & 2nd spindles)

TOOLING

SD777 Standard tooling package

NC CONTROLLER

FT245 Main & secondary spindle synchronisation
To facilitate workpiece transfer without need to stop spindles

MO300 Milling spindle synchronous tapping
Fast and highly accurate machining becomes possible with tapping that fully synchronises with the revolutions of the milling spindle

MZ200 Relocation detector

NC202 Mazatrol SmoothG 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

NO375 Background tool path check
The tool path that has been set in a machining program not being used during automatic operation can be checked

NO512 Direct entry of drawing dimensions

NO827 LAN port

NO838 SD memory card interface (1 port) and USB interface (1 port)

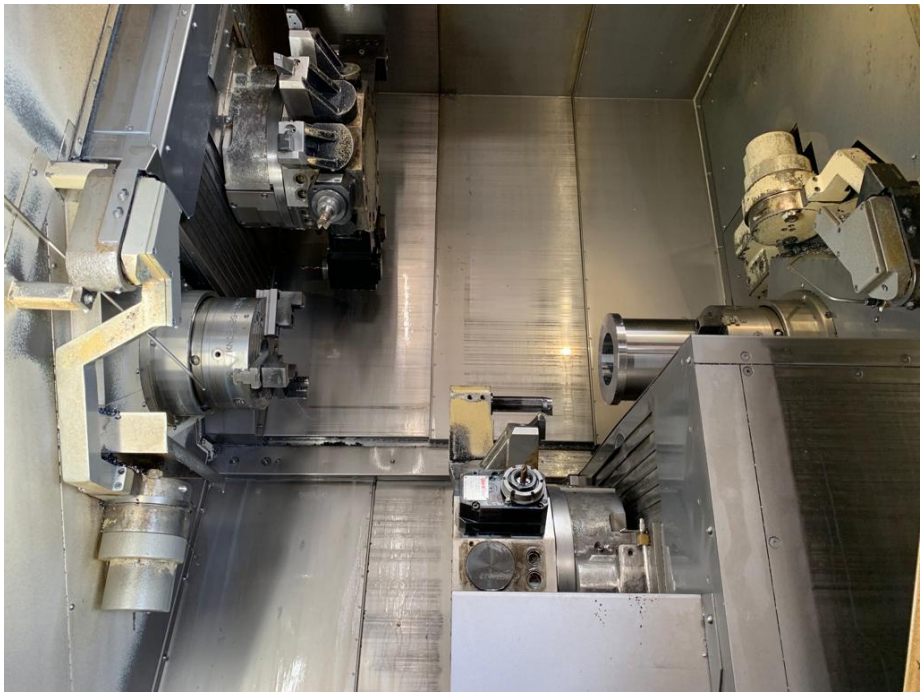
NP327 Smooth standard software for lathe (mill)
NO443 Shape compensation

NO498 Rapid overlap
Seamless corner control
Variable acc control
SD108 Intelligent safety shield (manual operation)




Mazak
smooth
QRS
KUKAiN



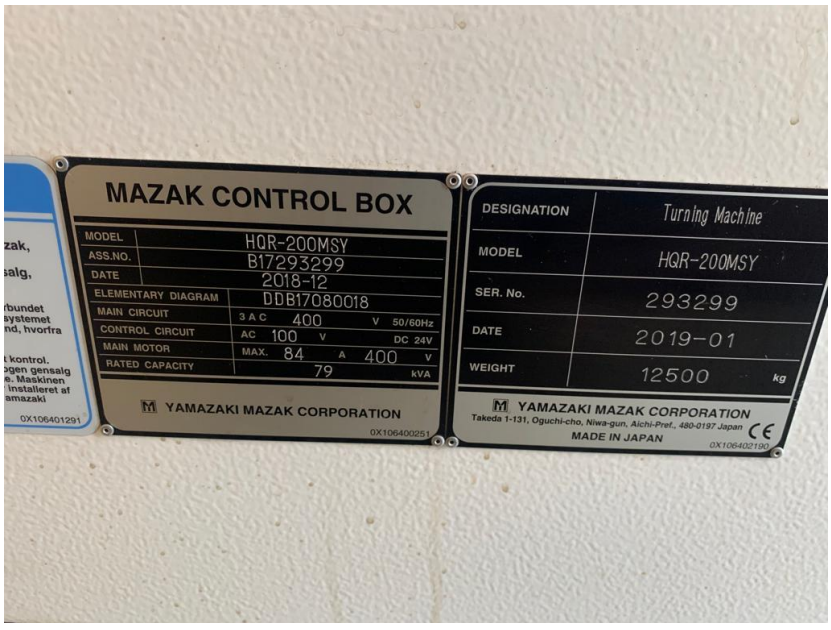


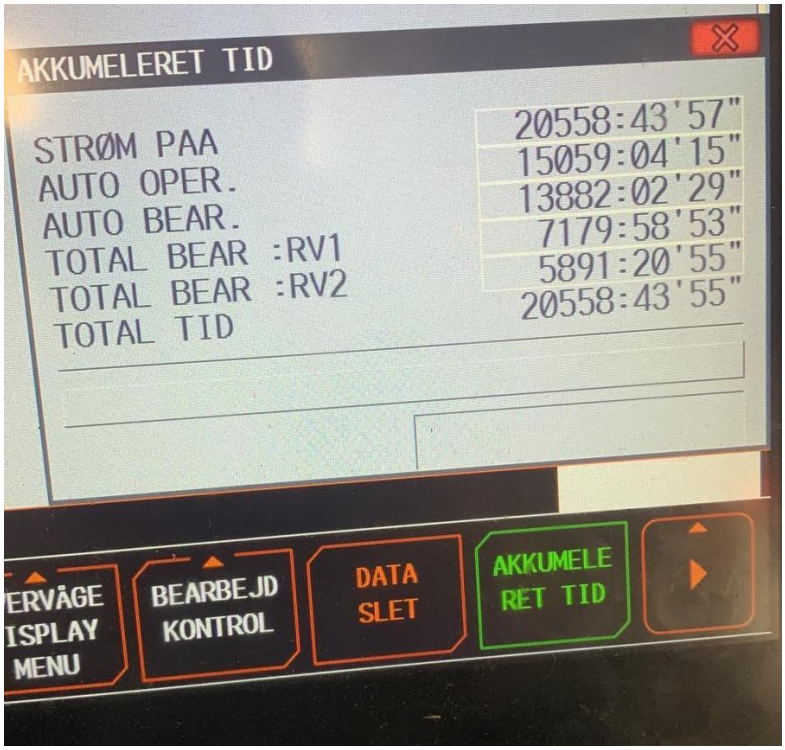





SELECT PROCESS
MACHINING
PROGRAM
TOOL DATA
SETUP
VEDLIGEHOL
EXPERT
2022/09/22 11:43:46
TAELLER
TID
79%
00:18:42
MEMORY OPERATION


2022/09/22 11:43:51
MACHINING
PROGRAM
TOOL DATA
SETUP
VEDLIGEHOL
EXPERT
POSITION
M1
0rpm
100%
T1
0rpm
100%
M2
0rpm
100%
T2
712rpm
100%
79%
00:18:47
4


MAZAK CONTROL BOX
MODEL HQR-200MSY
ASS.NO. B17293299
DATE 2018-12
ELEMENTARY DIAGRAM DDB17080018
MAIN CIRCUIT 3 A C 400 V 50/60Hz
CONTROL CIRCUIT AC 100 V DC 24V
MAIN MOTOR MAX. 84 A 400 V
RATED CAPACITY 79 kVA
YAMAZAKI MAZAK CORPORATION
0X106400251
DESIGNATION Turning Machine
MODEL HQR-200MSY
SER. No. 293299
DATE 2019-01
WEIGHT 12500 kg
YAMAZAKI MAZAK CORPORATION
Takeda 1-131, Oguchi-cho, Niwa-gun, Aichi-Pref., 480-0197 Japan
MADE IN JAPAN
0X106402190


AKKUMELERET TID
STRØM PAA 20558:43'57"
AUTO OPER. 15059:04'15"
AUTO BEAR. 13882:02'29"
TOTAL BEAR :RV1 7179:58'53"
TOTAL BEAR :RV2 5891:20'55"
TOTAL TID 20558:43'55"
ERVÅGE ISPLAY MENU
BEARBEJD KONTROL
DATA SLET
AKKUMELE RET TID


KUKA
Deutschland GmbH
Zugspitzstraße 140
86165 Augsburg.Germany
Country of Origin Germany
Typ Type Type KR 60-3
Artikel-Nr. Article No. No. d'article 10026995
Serien-Nr. Serial No. No. de Série# 705576
Baujahr Date Année de fabric. 11/2018
Gewicht Weight Poids 865 KG
Traglast Load Charge 60 KG
Reichweite Range Portée 2033 MM
KR60_3 C4 FLR ZH02
KR60_3 FLOOR

