



TAJMAC GROUP

THE MACHINE TOOL BUILDER

Mori Say TM 6/20 cnc



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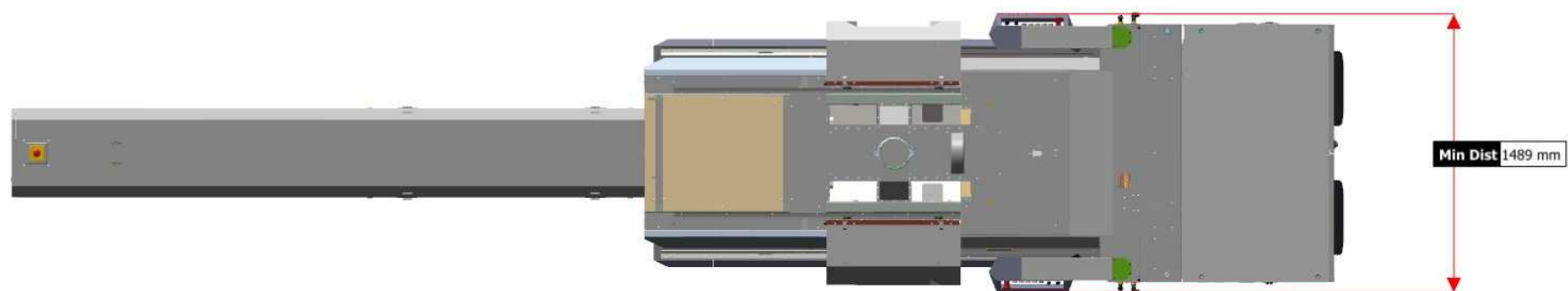
Mori Say TM 6/20 cnc

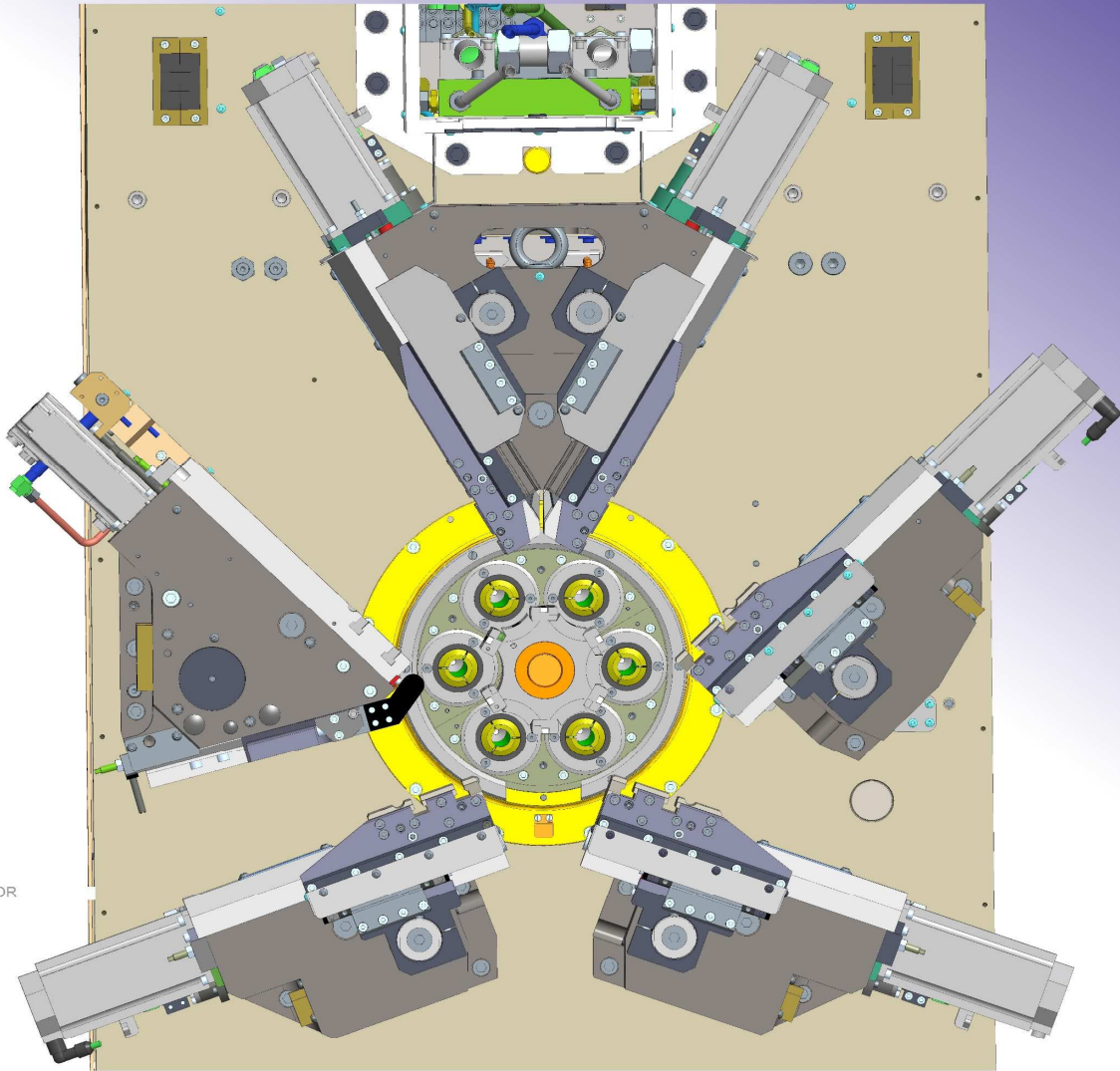


Layout



Layout



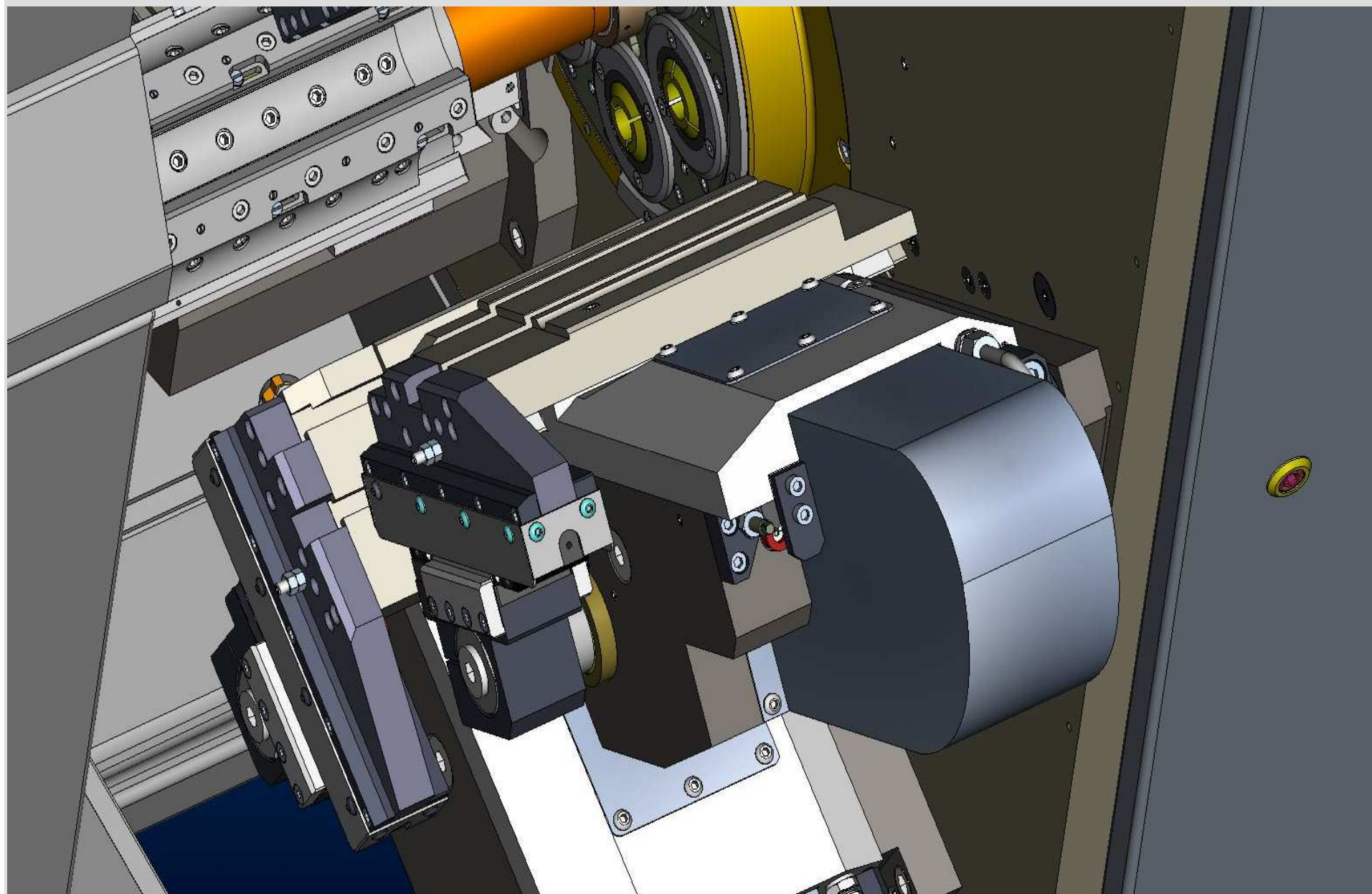


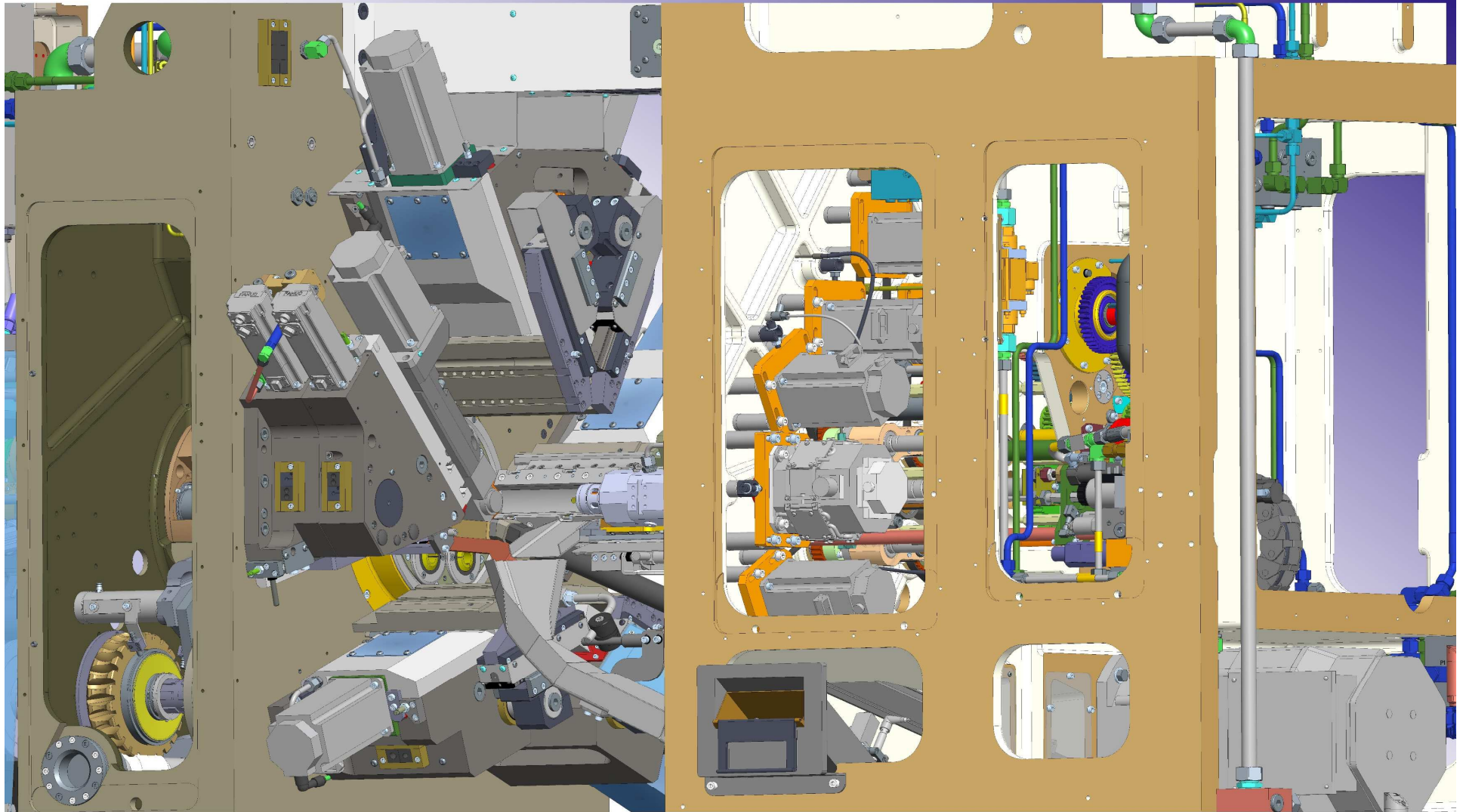
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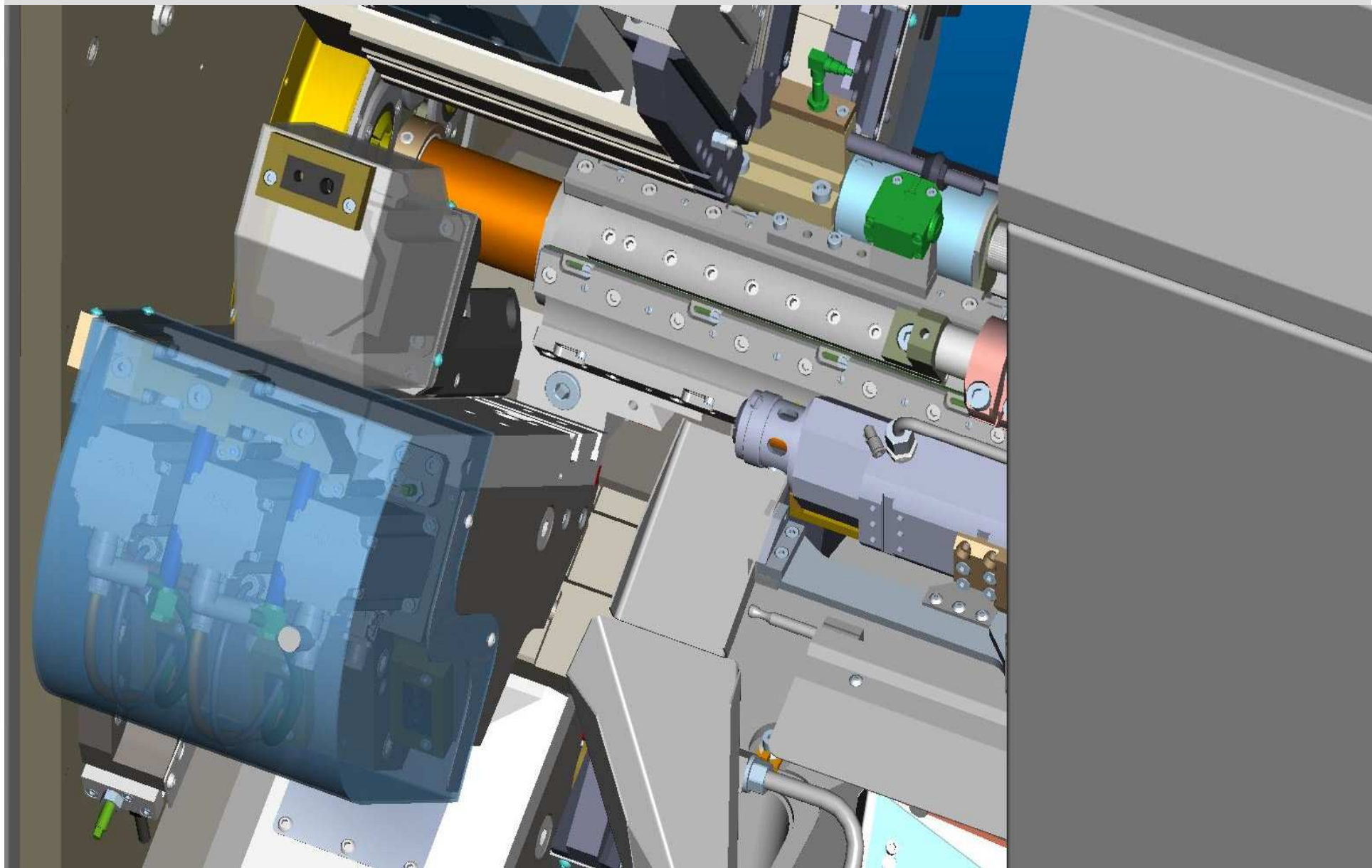
Slide 6

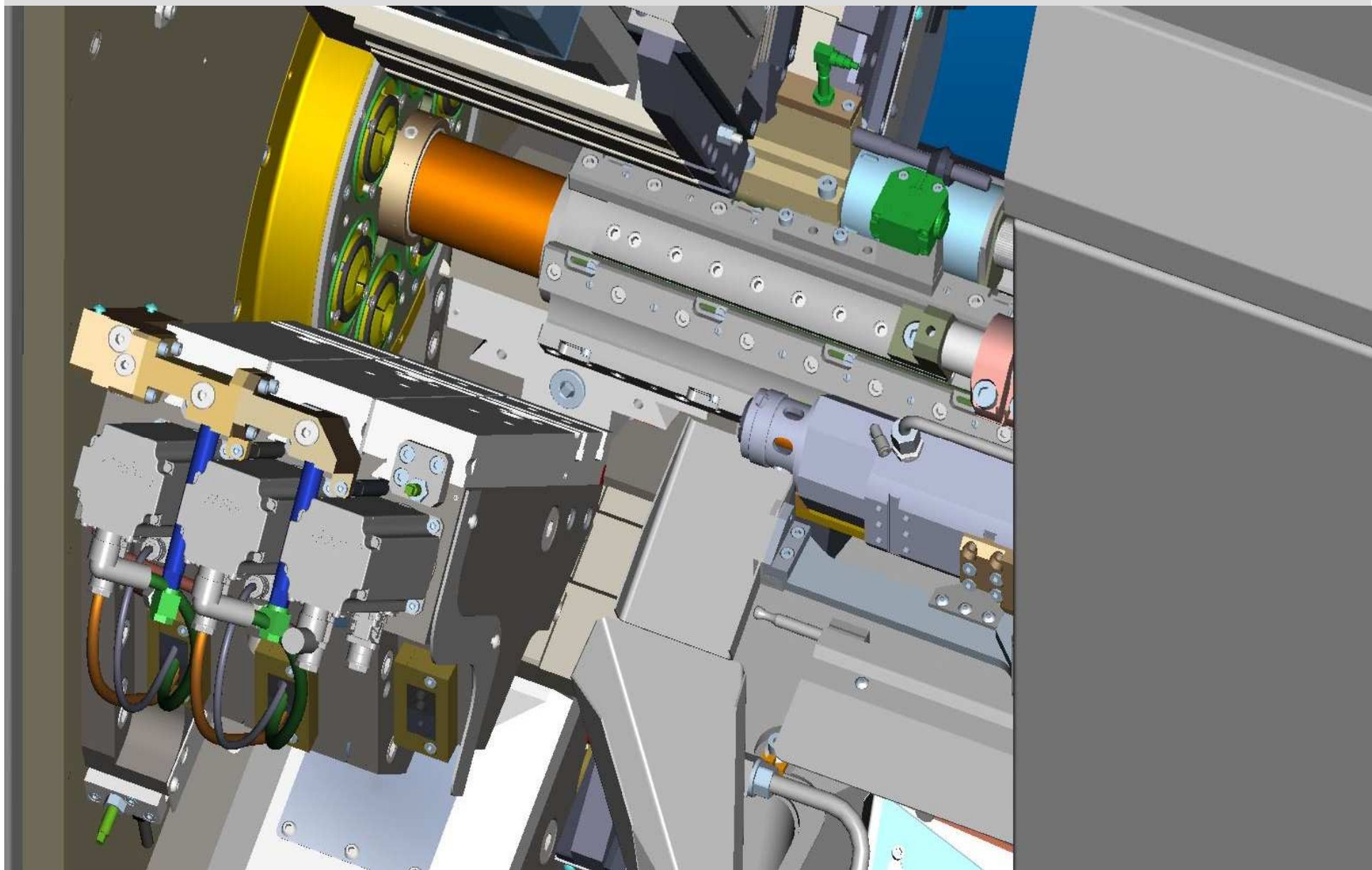
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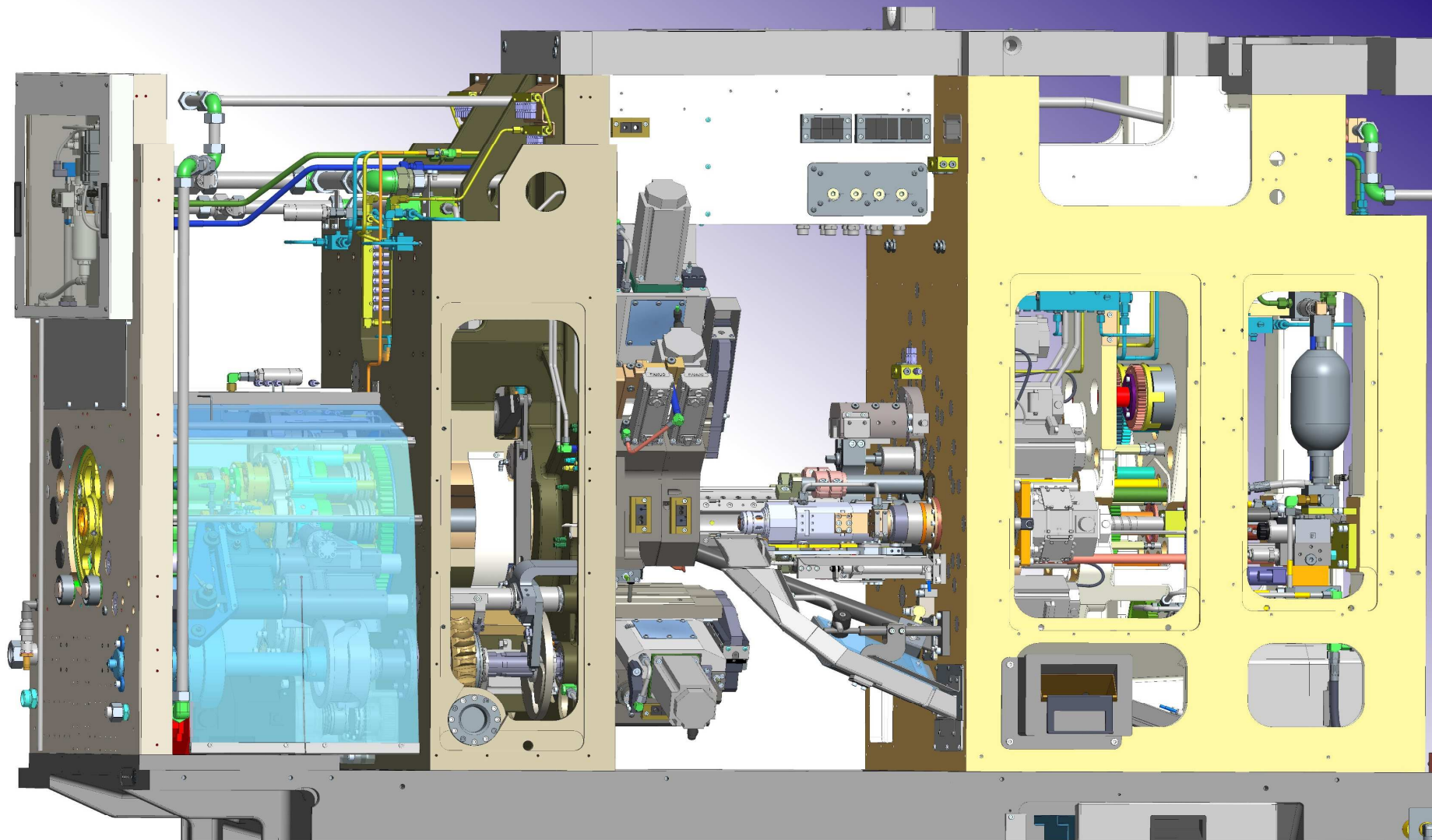
Carlo Rota; 23/11/2020











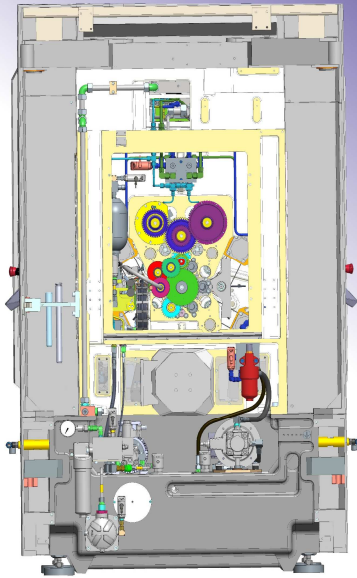
Technical parameters

Control system	Fanuc 2x 21" multi-touch displays
Industry 4.0	Yes
Ethernet-Internet connection	Yes
User friendly dedicated interface	Yes
Max. number of controlled axes	31
Number of virtual axes	1
Remote access	Yes
Idle time	0.7 s
Working time	4 - 90 s
Max. diameter of circular cross section bar (machine feeding)	20 mm
Max. diameter of hexagonal cross section bar (machine feeding)	17 mm
Max. stock length	4,000 mm
Max. stock feeding length (feeding system as a part of the machine)	100 mm
X1 - X5 max. stroke	60 mm
X1 - X5 max. speed	20 mmin ⁻¹
X1 - X5 max. force	3,200 N
Z1 - Z5 max. stroke	70 mm
Z1 - Z5 max. speed	20 mmin ⁻¹
Z1 - Z5 max. force	3,200 N
W1 – W5 max. stroke	110 mm
W1 – W5 max. speed	30 mmin ⁻¹
W1 – W5 max. force	2,500 N
W6 max. stroke	310 mm
W6 max. speed	30 mmin ⁻¹
W6 max. force	2,000 N
X6 max. stroke	50 mm
X6 max. force	1,600 N
U6 stroke	80 mm
U6 max. force	1,600 N
U61 stroke	80 mm
U61 max. force	1,600 N
SP axis spindles	1 axis
Main spindle max. speed	6,000 rpm (4,500 rpm for the "stop" machines)
SP motor nominal output	11 kW

Technical parameters

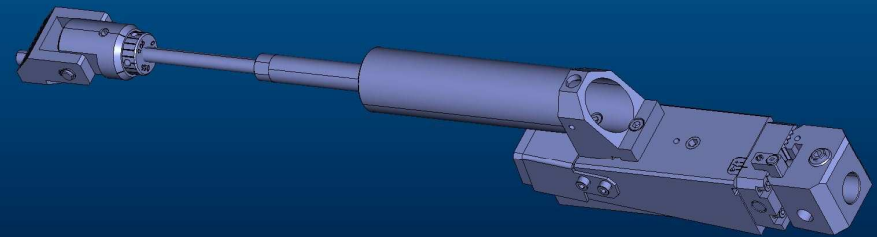
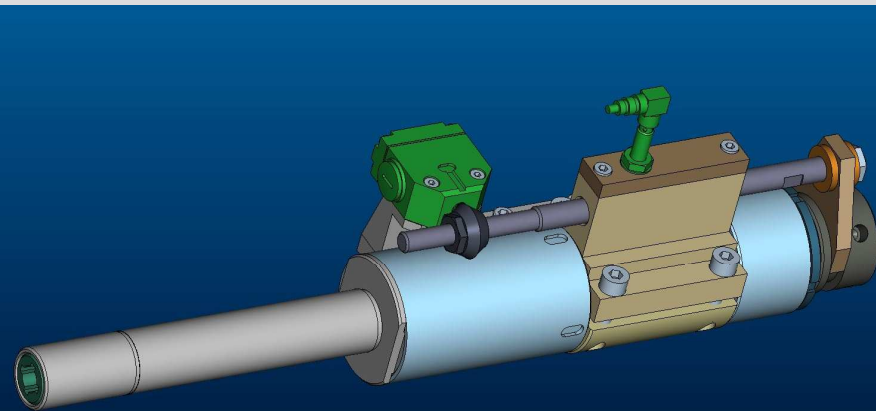
Basic configuration position 1	XZ ISO or VirtualCam programming option W ISO or VirtualCam programming option
Basic configuration position 2	XZ ISO or VirtualCam programming option W ISO or VirtualCam programming option
Basic configuration position 3	XZ ISO or VirtualCam programming option W ISO or VirtualCam programming option
Basic configuration position 4	XZ ISO or VirtualCam programming option W ISO or VirtualCam programming option
Basic configuration position 5	XZ ISO or VirtualCam programming option W ISO or VirtualCam programming option
Basic configuration position 6	X ISO or VirtualCam programming option UW ISO or VirtualCam SO - Pick-up spindle drive
Pick-up spindle max. speed	6,000 rpm (4,500 rpm for the "stop" machines)
SO motor nominal output	2.2kW
CM drum indexing, basic configuration	1 CNC channel
Option position 1	Without options
Option position 2	STO - cross drilling SO - Drive
Option position 3	STO - Cross drilling U - Pick-up tool slide rest SO - Drive SO - Pick-up spindle drive C - Main spindle positioning
SO option position 4 verification	STO - cross drilling SO - Drive C - Main spindle positioning
SO option position 5 verification	STO - cross drilling SO - Drive C - Main spindle positioning
Option position 6	STO - cross drilling Ux - Pick-up tool slide rest STOx - cross drilling
Special option	WC - Hexagon drive
Additional measuring option at X Z	No
Main spindle and pick-up spindle position synchronization, option for "stop" machines	Yes
Possibility to use all optional accessories from the SAY620AC machine	Yes (pick-up)
Pick-up with hydraulic clamping and clamping force control, collet from SAY620AC	Yes
BLT magazine connection through standard interface	Yes

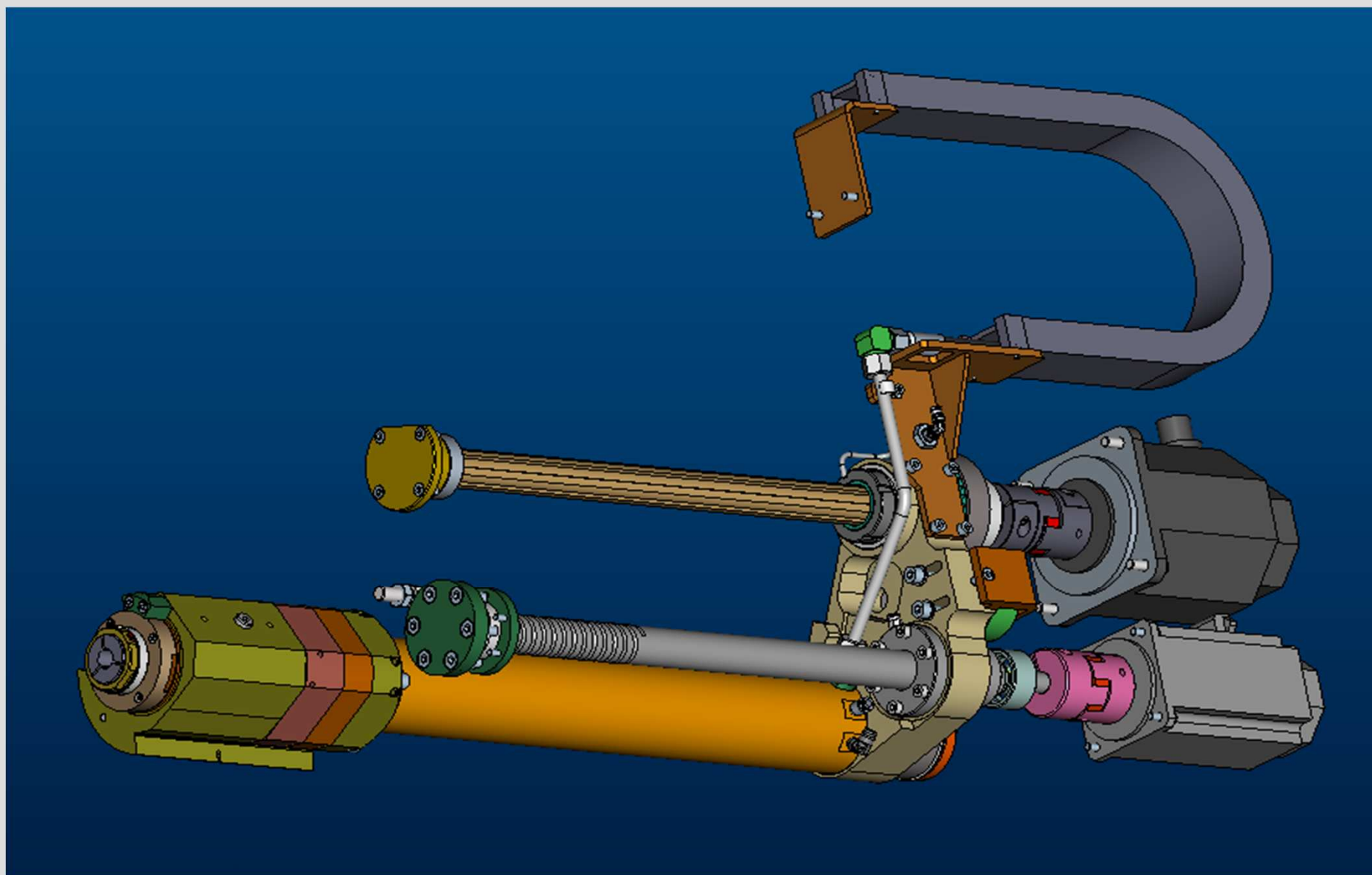
Accessories

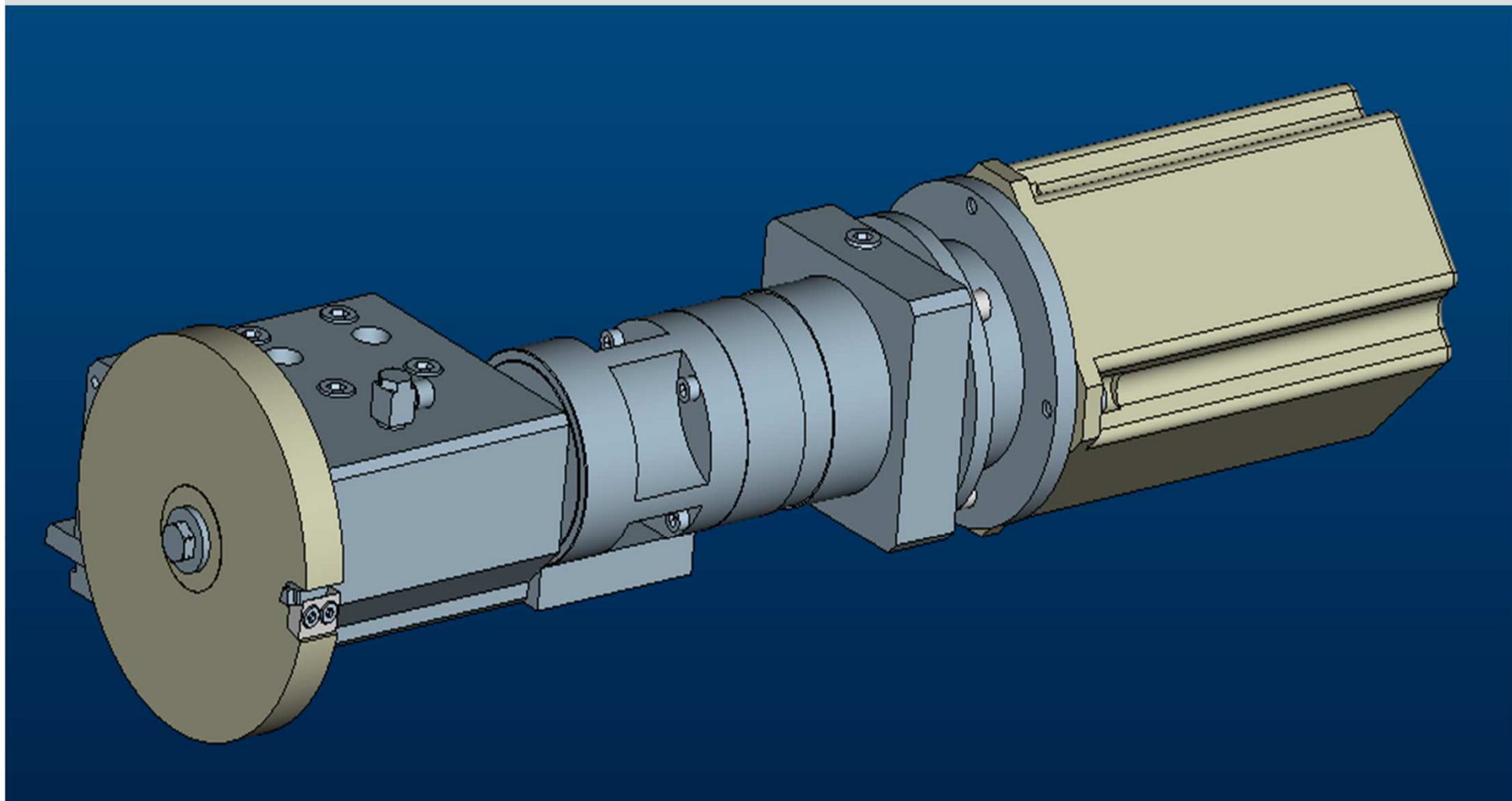


on this machine the customer can choose whether to use the accessories according to his needs

- a) with mechanical transmission
- b) completely CNC
- c) part with mechanical transmission part completely CNC



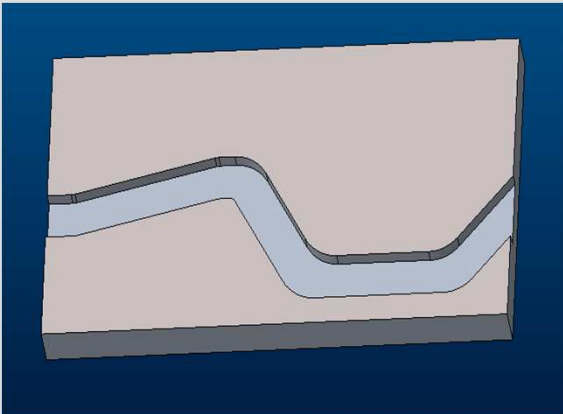




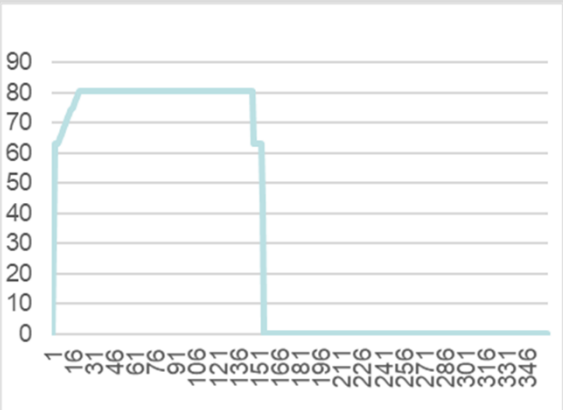




Traditional movement on mechanical machine



Movement in programming Virtual Cam



Movement in programming ISO Code

Machine programming:

depending on the pieces that the customer has to perform this machine can work in programming:

ISO for complex parts

Virtual Cam for simple pieces

ISO together Virtual Cam for pieces of medium difficulty



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Thanks for the attention

