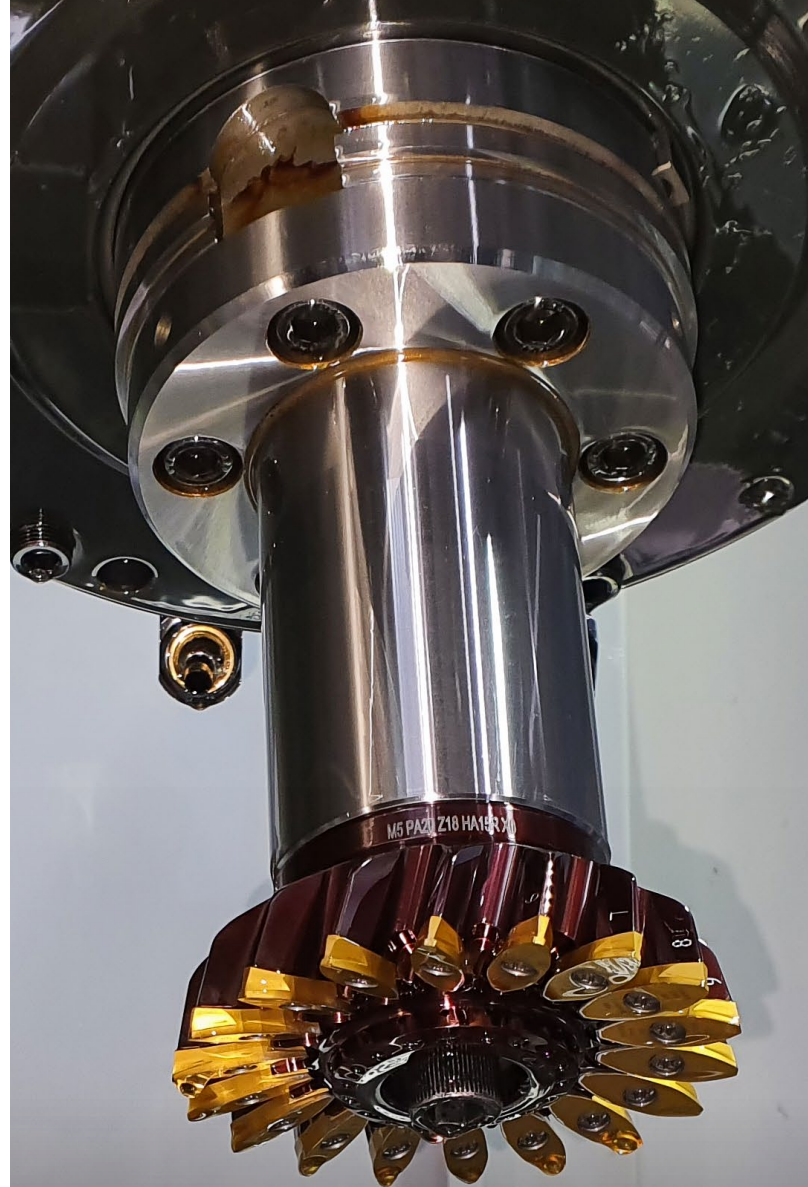


NEOPS 400

CNC POWER SKIVING MACHINE

Combining advanced technology, precision components, and economic pricing to enable profitable production of high-quality internal and external gears.

- Power skiving machine for the production of internal and external spur or helical gears.
- Heavy duty skiving head:
 - Driven via FANUC® direct-drive torque motor.
- CNC by FANUC® oi-MF with 6 axes.
- Optional automatic tool changer.
- Optional automatic loading.
- Quality components and construction.
 - Cast iron machine base for optimum stability and damping of vibrations.
 - Precision, repeatability, and control with linear scales on the X-, Y-, and Z-axes.
 - Automatic lubrication system with impulse lubrication for machine rails.

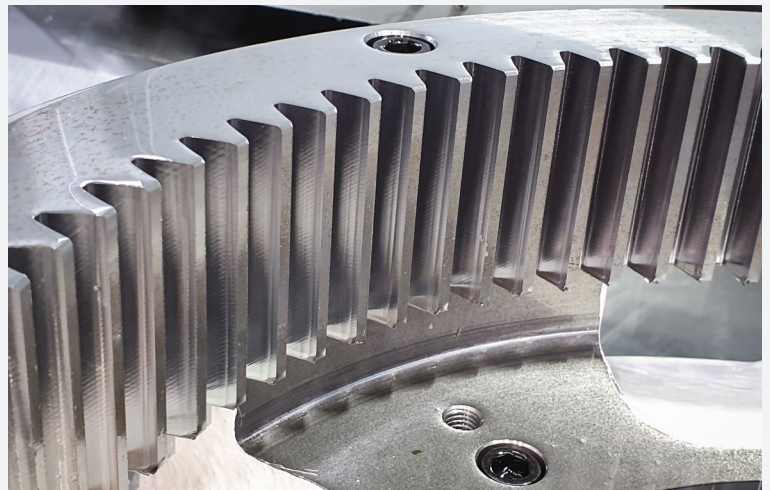
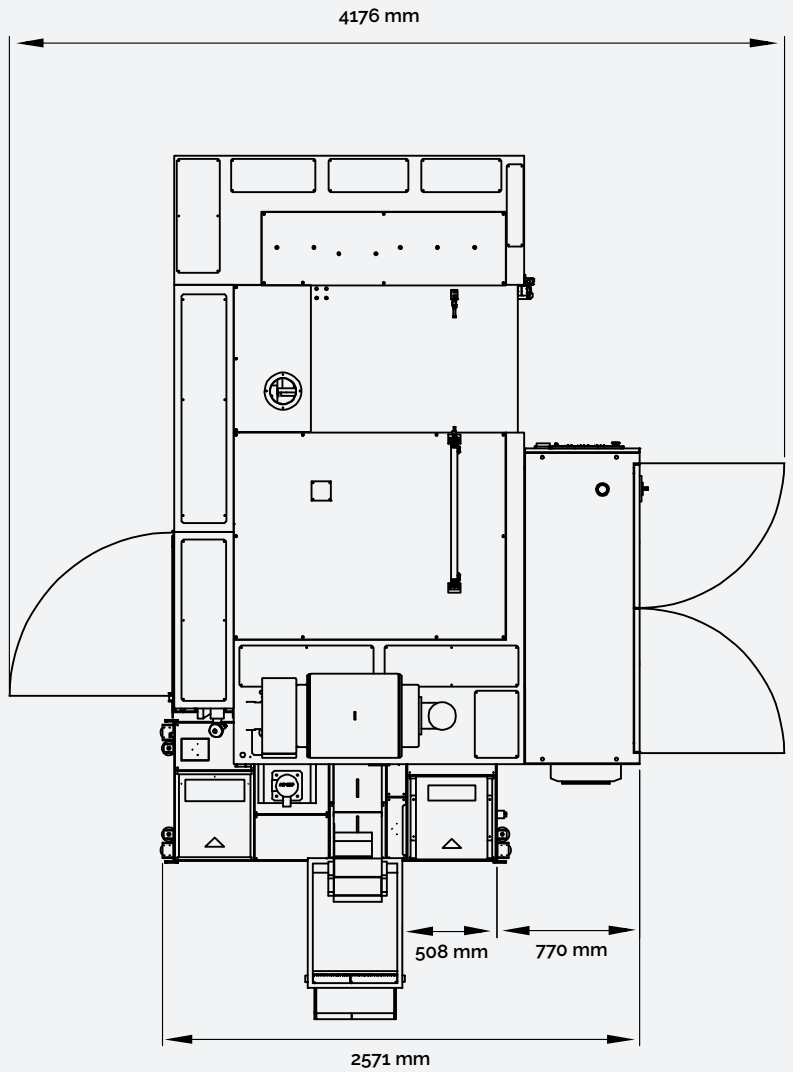


4.23 DP
Max Pitch Rating

6,000
RPM Skiving Speed

6
CNC Axes

WORKPIECE		NEOPS 400 metric/imperial	
Maximum pitch rating	6.00 m _n	4.23 DP	
Work spindle speed	3,000 rpm		
Maximum workpiece - internal diameter	400 mm	15.750 in	
Maximum workpiece - external diameter	420 mm	16.535 in	
Total axial travel	380 mm	14.961 in	
Minimum axial position	190 mm	7.480 in	
Maximum axial position	570 mm	22.441 in	
Maximum workpiece length	320 mm	12.598 in	
Total radial cutter travel	400 mm	15.748 in	
Minimum radial cutter position	-350 mm	-13.780 in	
Maximum radial cutter position	50 mm	1.968 in	
SKIVING SPINDLE			
Maximum spindle speed	6,000 rpm		
Minimum cutter length	200 mm	7.874 in	
Maximum side shift	500 mm (+/-250 mm)	19.685 in	
Swivel angle	+/- 30°		
DIMENSIONS			
Length	4.500 m	14.7 ft	
Length with automation	5.600 m	18.4 ft	
Width	3.400 m	11.2 ft	
Height	3.550 m	11.6 ft	
POWER			
B-axis spindle motor	33 kW		
C-axis spindle motor	31 kW		



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