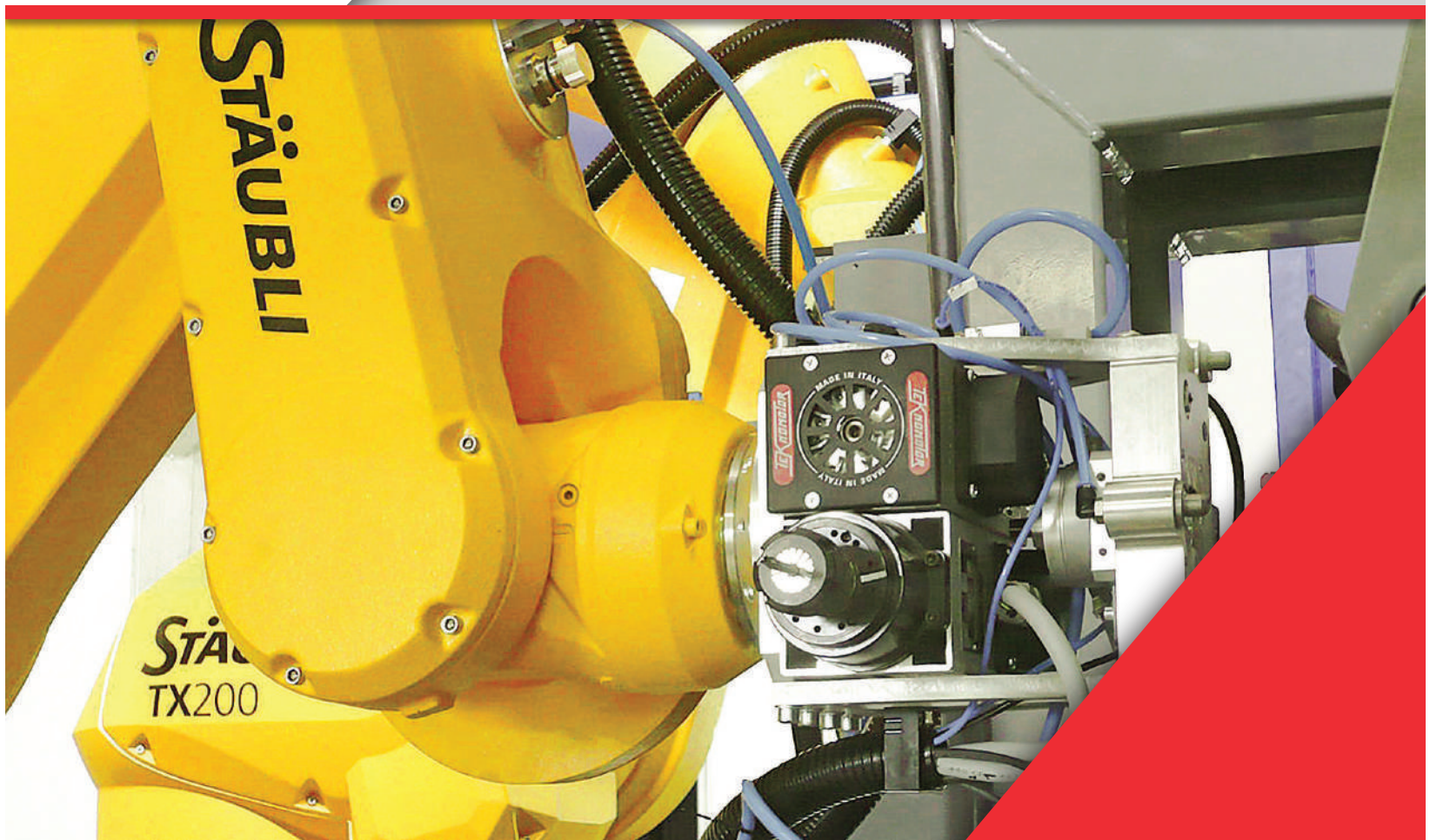




ROBOTICS & AUTOMATION

ELECTRIC MOTOR SPINDLES



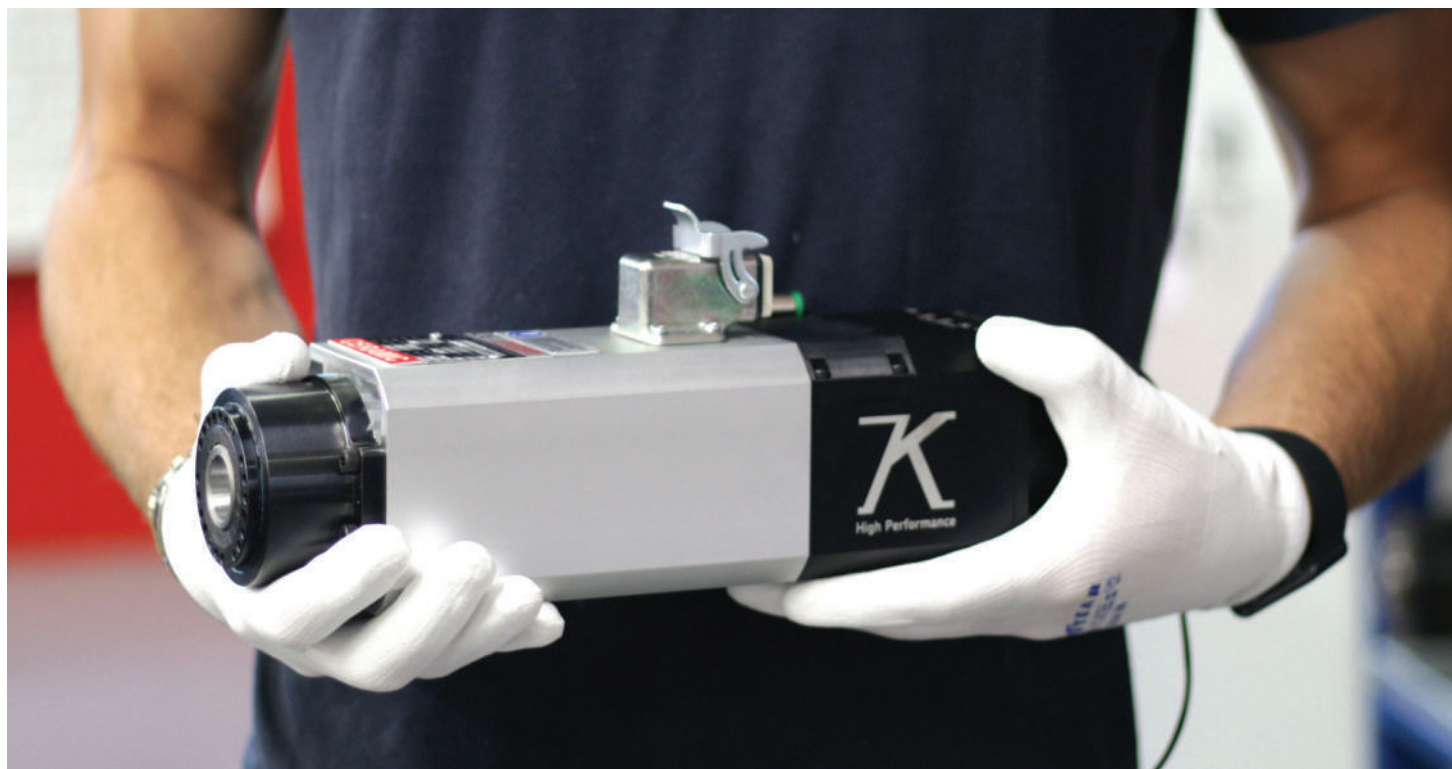
TEKNOMOTOR S.R.L.

Via Argenega, 31 - 32038 Quero Vas (BL) - Italy
Tel: +39 0439 787950 / Fax: +39 0439 780147
www.teknomotor.com
info@teknomotor.com



TEKNOMOTOR S.R.L.





Teknomotor S.r.l. specialises in the design and manufacturing of CNC spindle motors, router spindle motors, robotic spindle motors, automation spindle motors.

With nearly 40 years of experience and a focus on innovation and customer needs, Teknomotor has become an international reference point for manufacturers of machinery for the processing of wood, plastics, composites, aluminium, PVC, PMMA, polycarbonate, foam.

Our whole manufacturing process takes place in the North-East of Italy at our premises located in Quero Vas (BL).

Quality, reliability and precision are guaranteed by an intensive quality-control process conducted with best-in-class measuring instruments and a team of specialists.

Teknomotor HQ Spindles are supplied to costumers all over the world: Germany, Turkey, U.S.A., China, Australia, India, ...

Through an accurate analysis of specific issues and specialised support, our technical and sales teams identify and offer the best solution for each customer, with this often resulting in the design and manufacturing of customised electric motor spindles to meet the most demanding needs.



MADE IN ITALY. MADE BY US.

Contact Us



This Catalog is an important step to involve you in the "Teknomotor Project" of which Partners and Customers are key components.

Contact us; we will be at your side to develop projects, provide products, share values.

A truly applied management system

**COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =**

Continuous improvement is the motor that drives us. Plan-do-check-act is not only a doggerel to boast about, but our way of life.



MADE IN ITALY. MADE BY US.

From start to finish, every electrospindle is made in Italy, inside our factories in Quero Vas, by the expert hands of Teknomotor's operators and technicians and under the watchful eye of our quality control team and designers.

At a time when many Companies choose outsourcing manufacturing, we guarantee that our products are made in Italy and made by us, now and always.



Product design

Our motors are designed to best meet all the market requirements combining maximum accuracy, durability, efficiency, reliability and innovation with a clean and elegant aesthetics.



Reliability

We manage the entire design and manufacturing process internally and directly. Each component of our electrospindles is manufactured and assembled by the expert hands of our operators and technicians and goes through an intense quality control process that guarantees full reliability.



Customization

Our team of engineers is an excellence in designing customized motors that guarantee the best performances meeting even the most specific needs of our customers' machines.



Protocol

All our machines and tools are regularly tested by certified professionals and test labs while all our processes are carried out in accordance with national and international standards (ISO9001 quality management system).

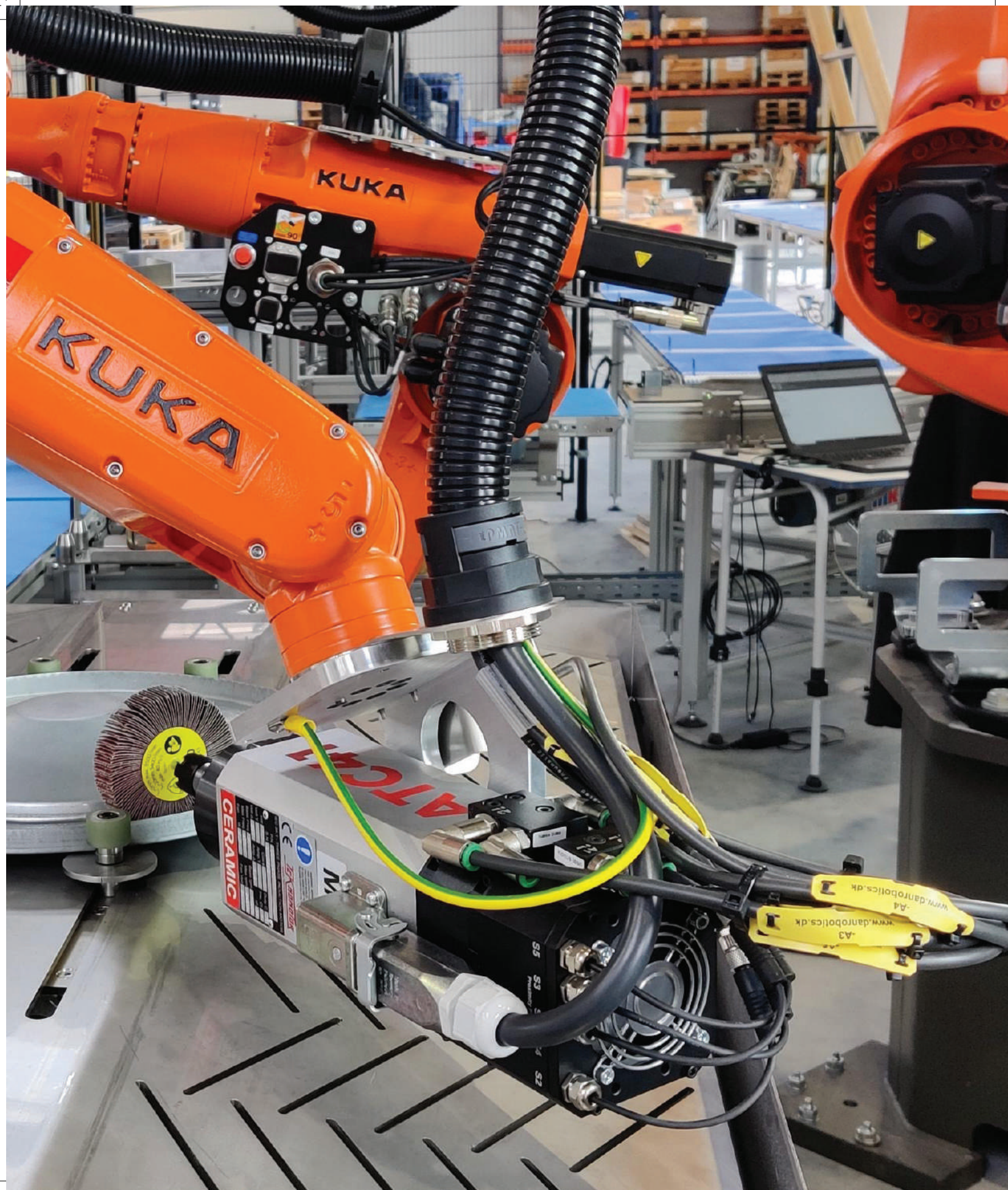


Customer satisfaction

We offer to our customers the guarantee of purchasing the product that best meets their needs. We do that through an accurate analysis of the requirements and a direct dialogue with our specialized technical team.









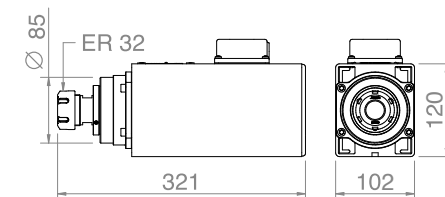
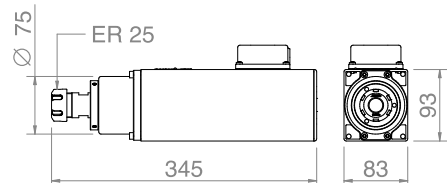
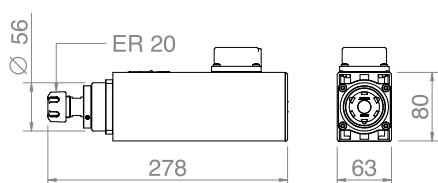
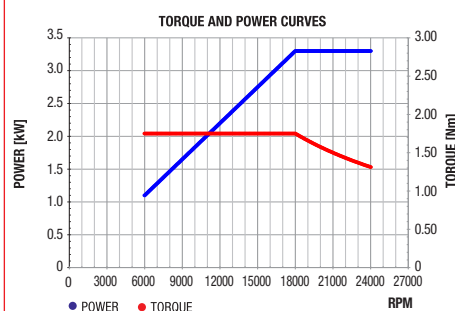
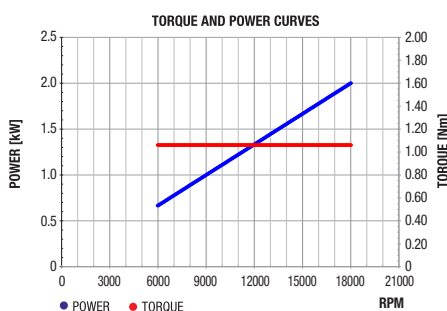
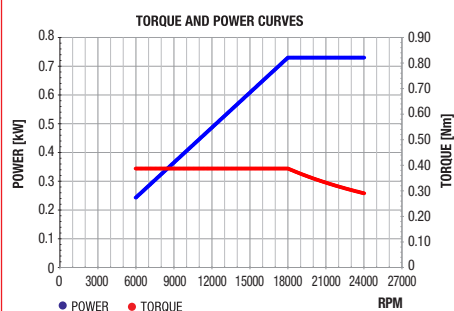
MADE IN ITALY. MADE BY US.

MTCE Manual Tool Change Electrospindles

Electrospindles suitable for radial and axial load.
Used for wood, PVC or aluminum applications.



Type	3140-C-DBS-P-ER20-RH	4147-C-DB-P-ER25-RH	5160-A-DBS-P-ER32-RH
Tool holder	ER20 - RH	ER25 - RH	ER32 - RH
Power	0.73 kW	2.2 kW	3.3 kW
Torque	0.39 Nm	1.17 Nm	1.75 Nm
Nominal speed	18000 rpm	18000 rpm	18000 rpm
Max speed	24000 rpm	18000 (24000 opt) rpm	24000 rpm
Voltage	220/380 V	220/380 V	220/380 V
Weight	3,9 Kg	8,4 Kg	11,3 Kg
Order code	COM31400219	COM41470244	COM51600411



QTCE Quick Tool Change Electerspindles

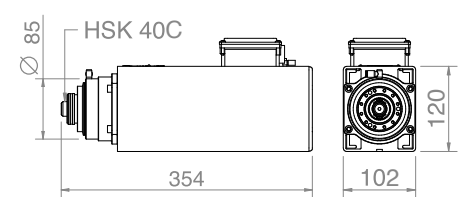
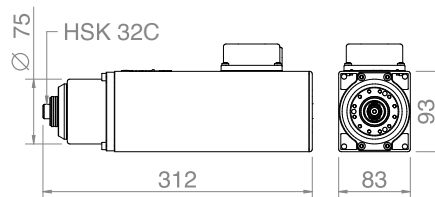
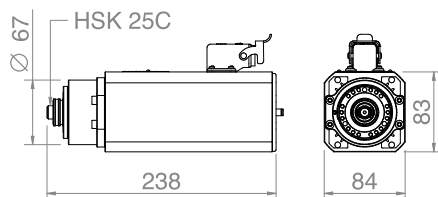
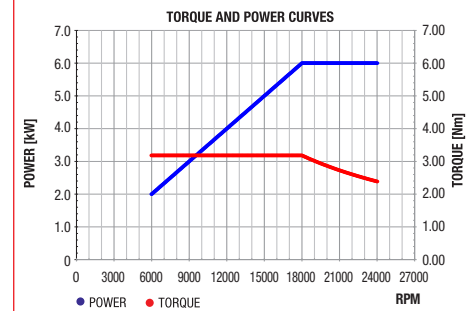
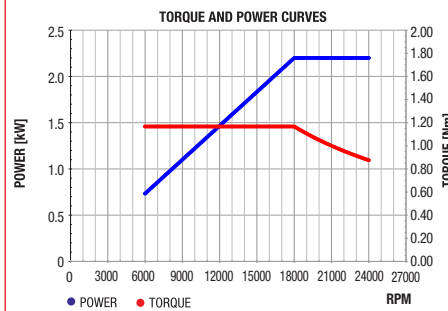
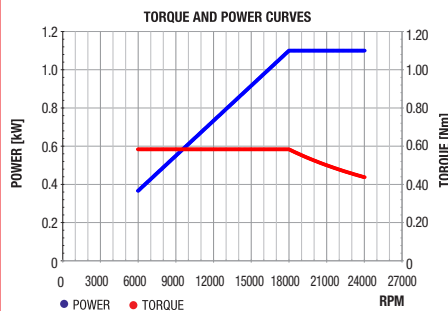
Electerspindles with manual quick tool change based on HSK-C interface suitable for radial and axial load. Used for working wood, PVC, aluminum.



See how they work



Type	C041-A-DBS-HSK25C-HY	4147-C-DB-HSK32C-HY	5160-D-2DBS-HSK40C-PR-HY
Tool holder	HSK 25C	HSK 32C	HSK 40C
Power	1.1 kW	2.2 kW	6.0 kW
Torque	0,58 Nm	1,17 Nm	3,18 Nm
Nominal speed	18000 rpm	18000 rpm	18000 rpm
Max speed	24000 rpm	24000 rpm	24000 rpm
Voltage	220 V	220/380 V	220/380 V
Weight	4,8 Kg	8 Kg	13,7 Kg
Order code	COMC0410009	COM41470563	COM51600433





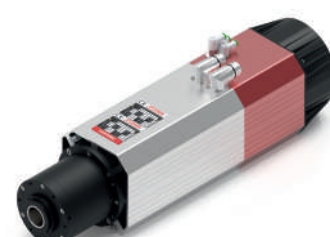
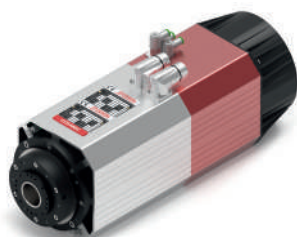
MADE IN ITALY. MADE BY US.

ATC Automatic Tool Change Electerspindles

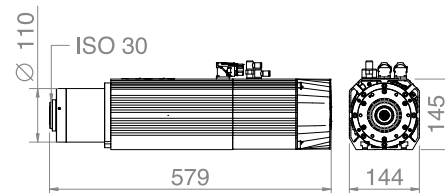
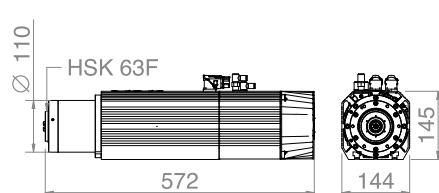
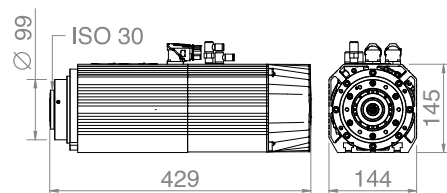
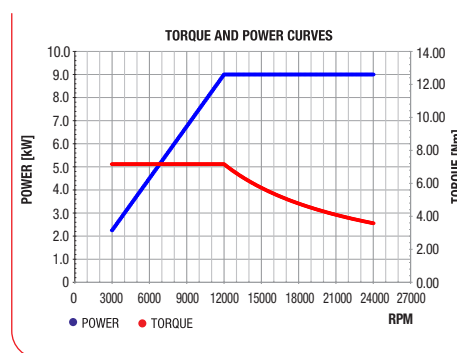
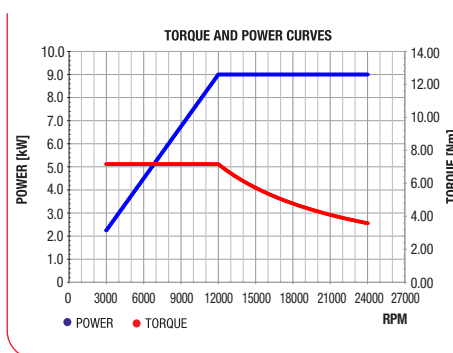
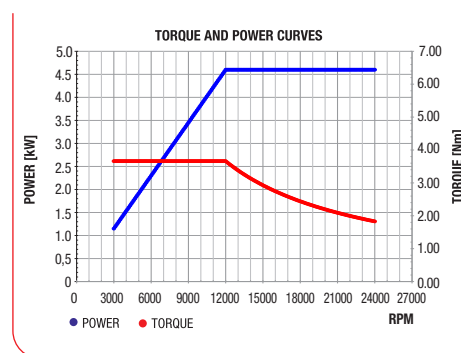
Electerspindles with automatic tool change ISO30 or HSK-63F suitable for radial and axial load. Used for working wood, PVC, aluminum even in presence of cutting fluids.



See how they work

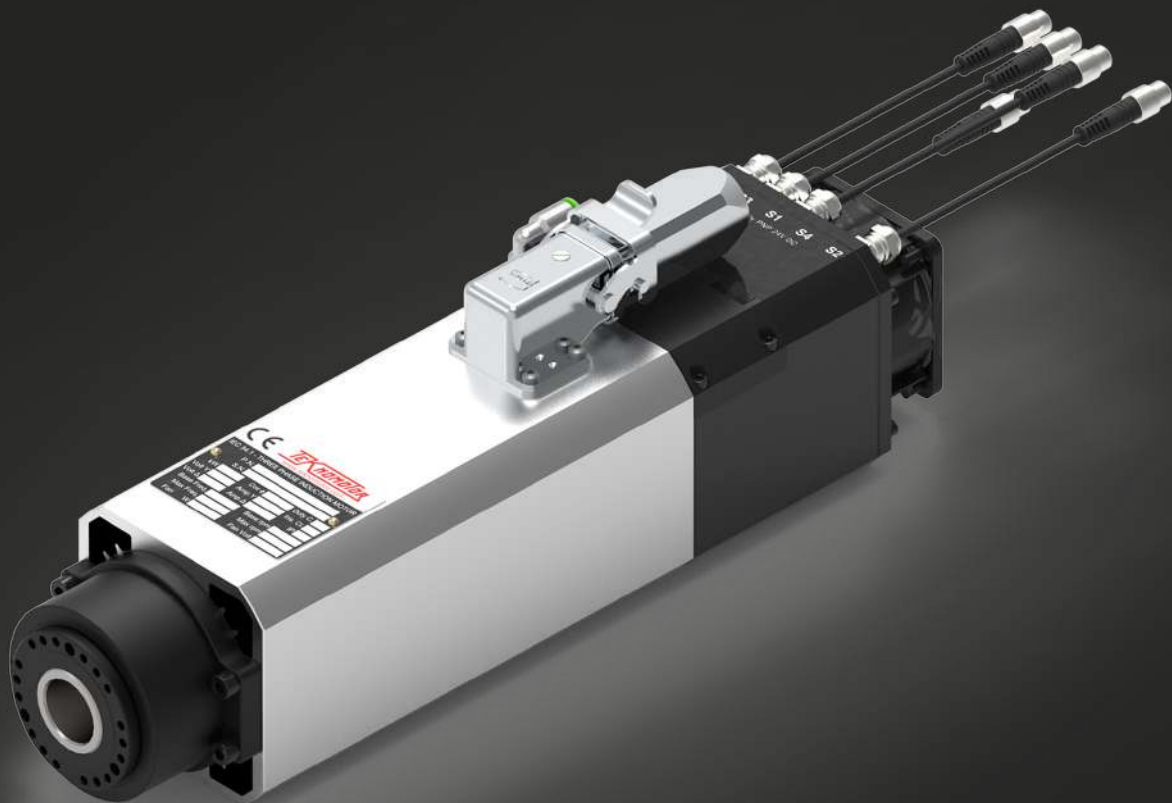


Type	ATC71-A-ISO30-SN-2P	ATC71-C-HSK63F-LN-2P	ATC71-C-ISO30-LN-2P
Tool holder	ISO 30	HSK 63F	HSK ISO 30
Power	4,6 kW	9,0 kW	9,0 kW
Torque	3,66 Nm	7,16 Nm	7,16 Nm
Nominal speed	12000 rpm	12000 rpm	12000 rpm
Max speed	24000 rpm	24000 rpm	24000 rpm
Voltage	380 (220 opt) V	380 (220 opt) V	380 (220 opt) V
Weight	19,50 Kg	30,80 Kg	30,80 Kg
Order code	COMTC710001	COMTC710005	COMTC710009





P r e m i u m P r o d u c t L i n e



ATC41-IS020 SERIES

Light. Compact. Precise. Powerful.



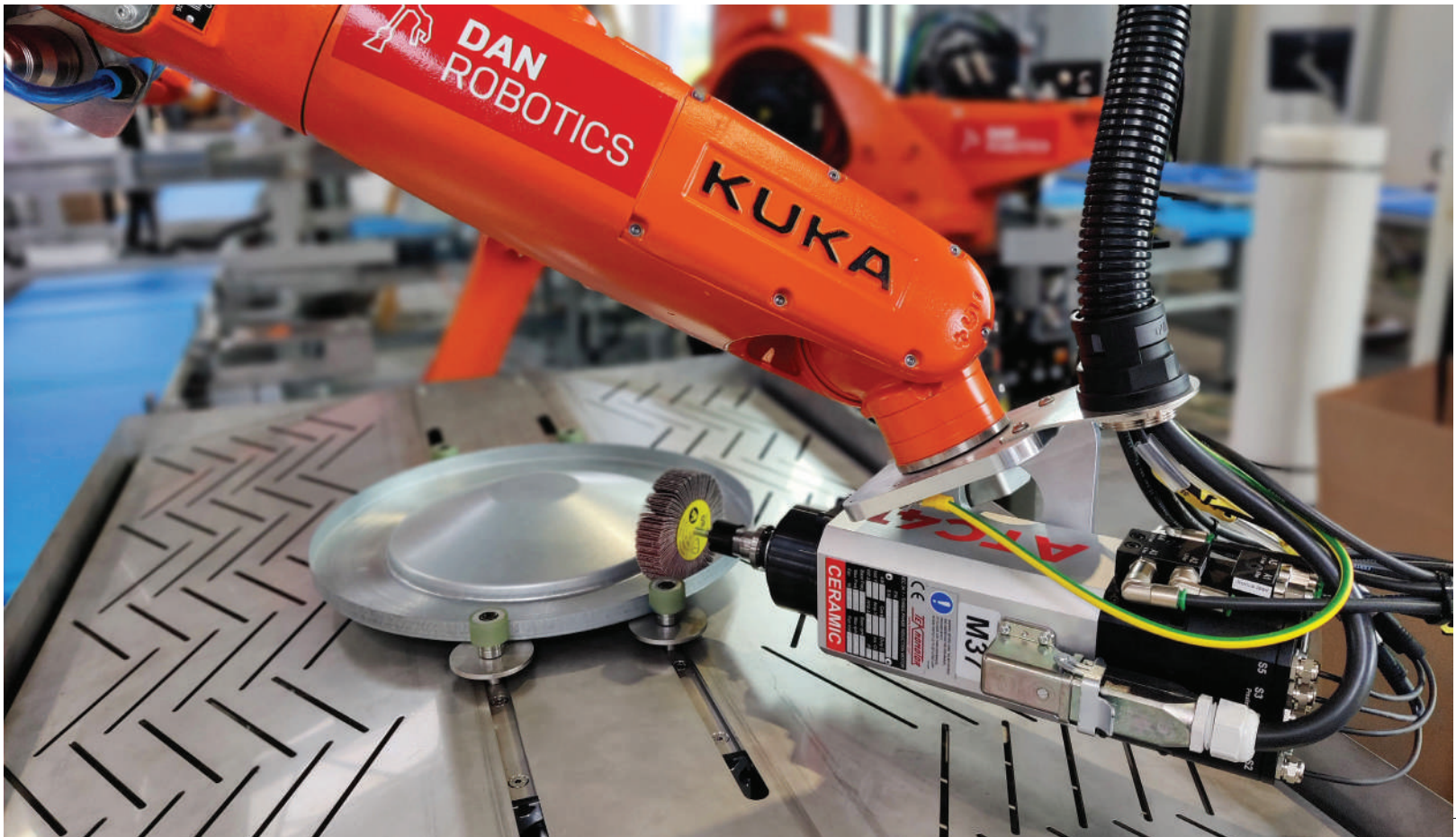
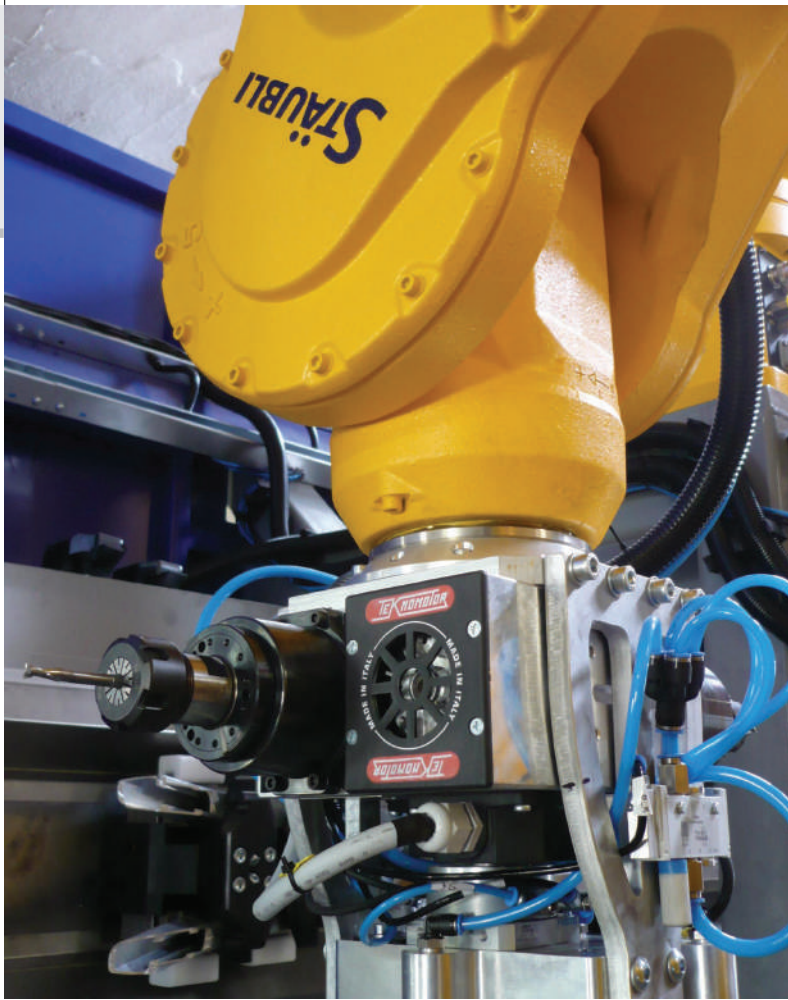
High Performance



High Performance

Teknomotor has registered a new trademark to identify the Company's Premium product line.

"K - high performance" represents those products that stand out for their above-average features and becomes synonymous with innovation, precision and durability in a way that goes far beyond the expectations of the most demanding customers.





High Performance

The lightest and shortest ISO 20 automatic tool changer spindle.

ATC-41 – ISO 20 is an Automatic Tool Changer designed to be set up as CNC router spindle and robotic spindle for small to medium-size applications.

More power. Less space.

These are the cornerstones in the design of ATC-41 spindle, developed using selected materials of excellent quality and guaranteeing highest precision in all mechanical manufacturing processes.



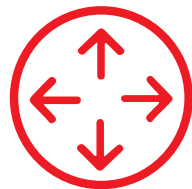
Low weight



Double ceramic
bearing nose



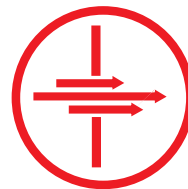
Up to 30000 rpm



4 sensor
technology



Air taper
Cleaning



Pressurized
spindle



Available with
Liquid Cooling



Temperature
monitoring

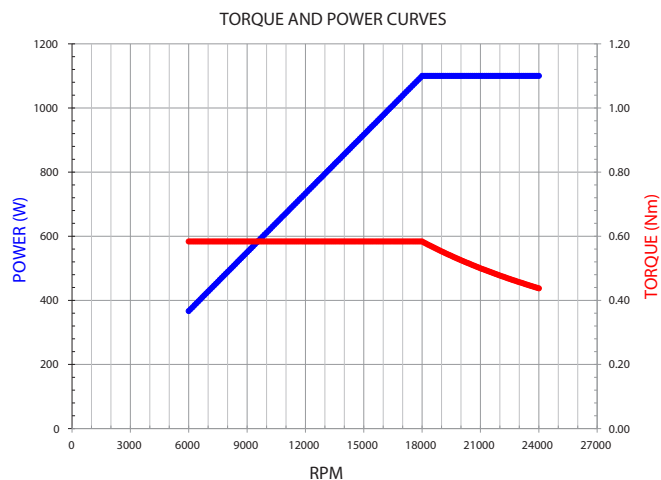


Safety spring
tool-holder hook-up



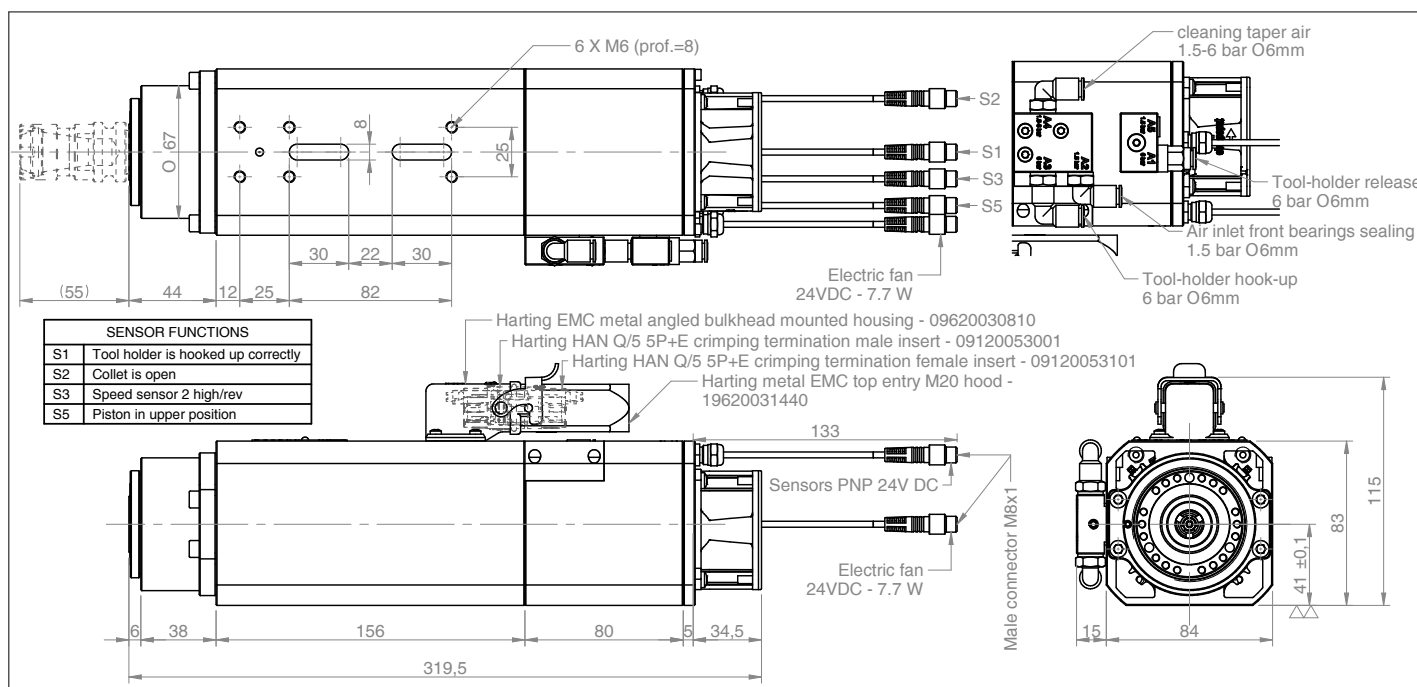
High Performance

ATC41-A-DB-ISO20-SN



Power	1.1 kW
Torque	0.58 Nm
Base Speed	18000 rpm
Max Speed	24000 rpm

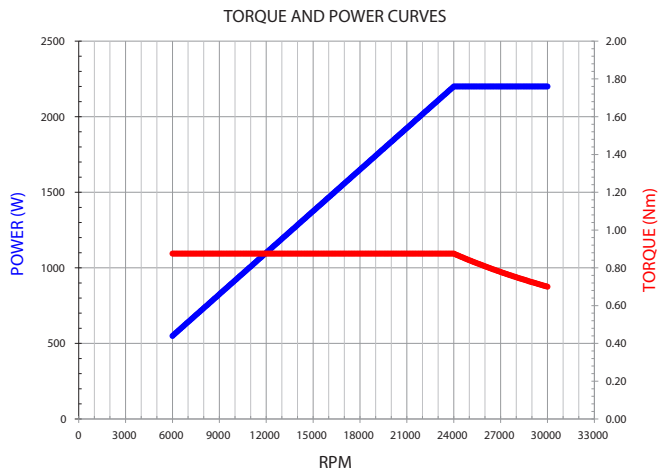
Tool holder	ISO20
Voltage	220 V
Weight	5.77 Kg
Order Code	COMTC410001





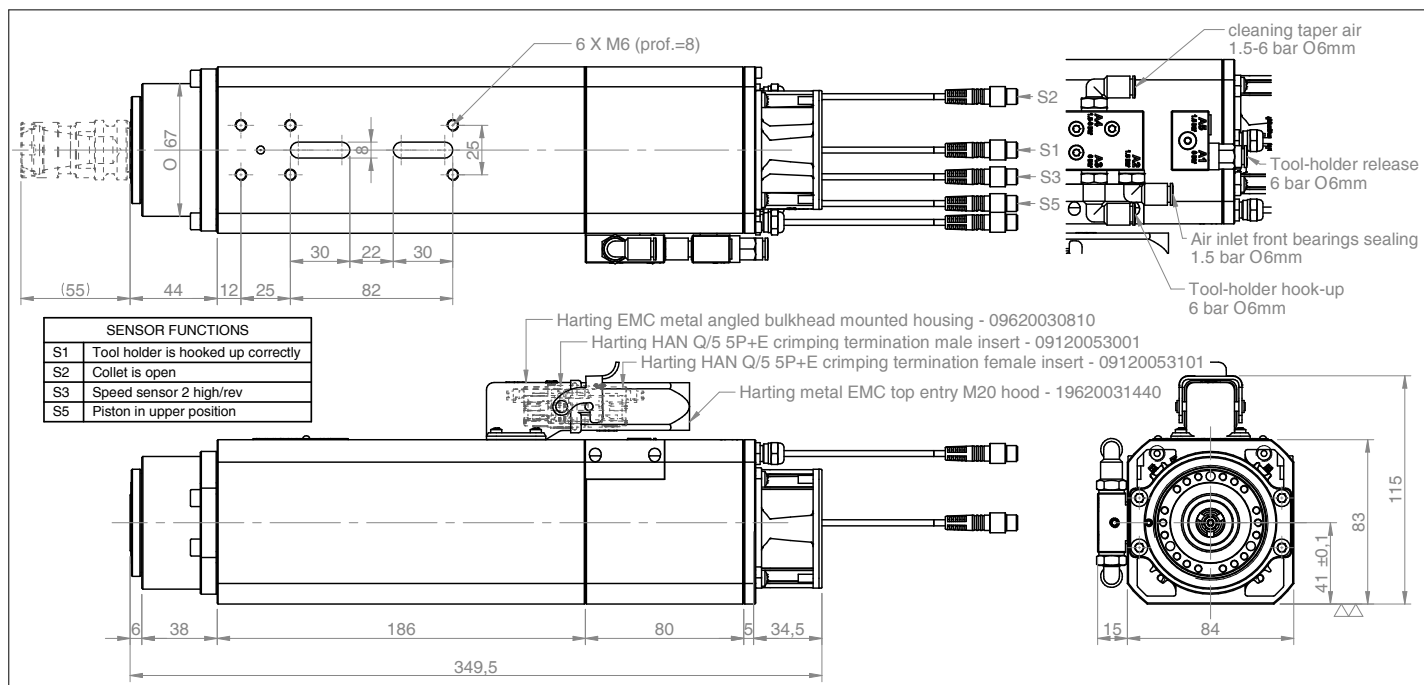
High Performance

ATC41-C-2DB-ISO20-SN-HY



Power	2.2 kW
Torque	0.88 Nm
Base Speed	24000 rpm
Max Speed	30000 rpm

Tool holder	ISO20
Voltage	220 V
Weight	6.8 Kg
Order Code	COMTC410006

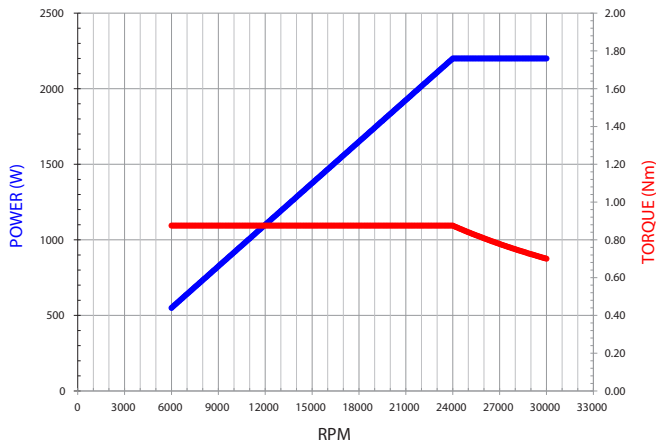




High Performance

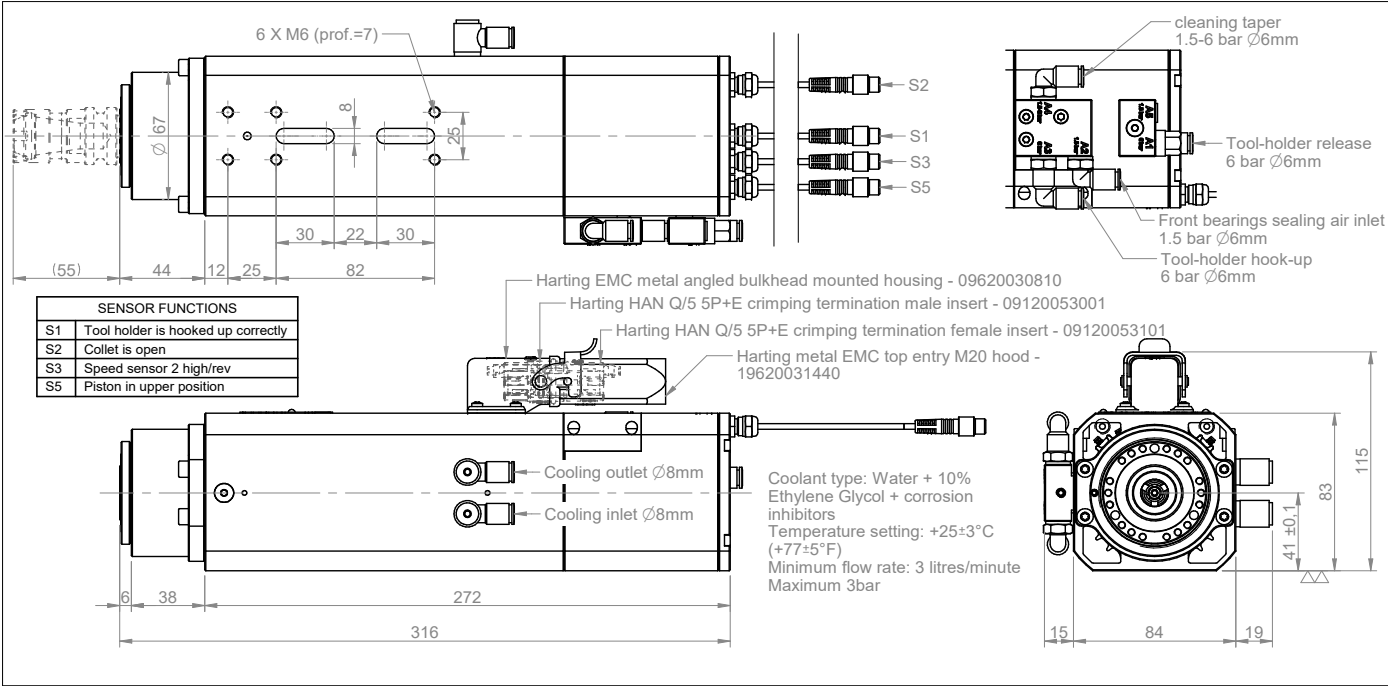
ATC41-C-2DB-ISO20-SN-HY-LC

TORQUE AND POWER CURVES



Power	2.2 kW
Torque	0.88 Nm
Base Speed	24000 rpm
Max Speed	30000 rpm

Tool holder	ISO20
Voltage	220 V
Weight	6.63 Kg
Order Code	COMTC410007





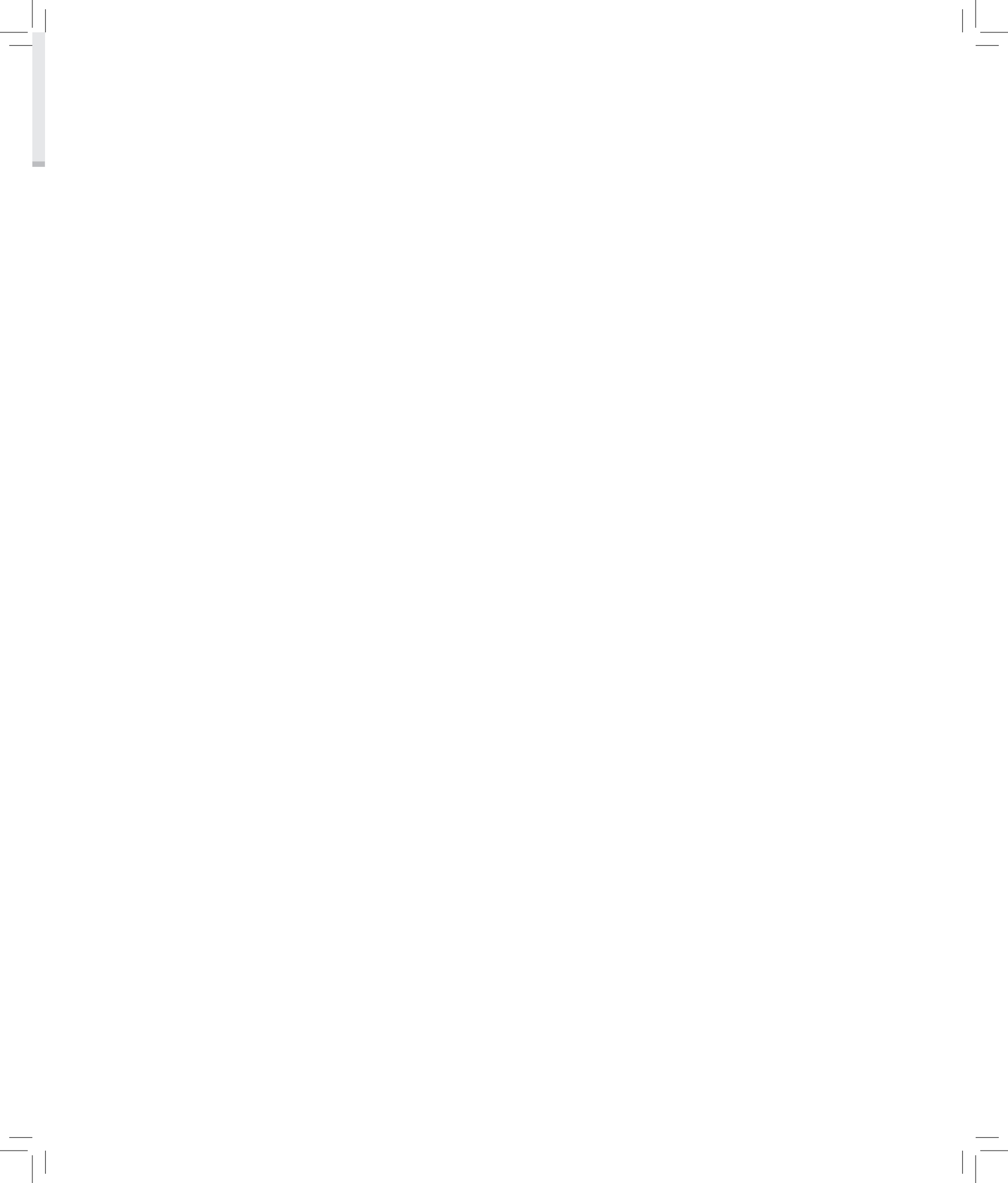
High Performance



www.khighperformance.com

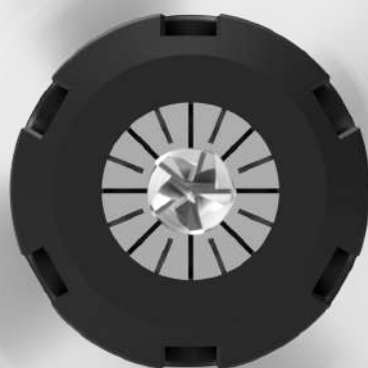


Contact us





MADE IN ITALY. MADE BY US.



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