

60% DI FATTURATO TERZI  
60% OF TURNOVER FROM EXTERNAL CUSTOMERS

RETE VENDITA E CENTRI DI RIPARAZIONE PRESENTI IN 5 CONTINENTI  
SALES AND SERVICE POINTS PRESENT IN 5 CONTINENTS

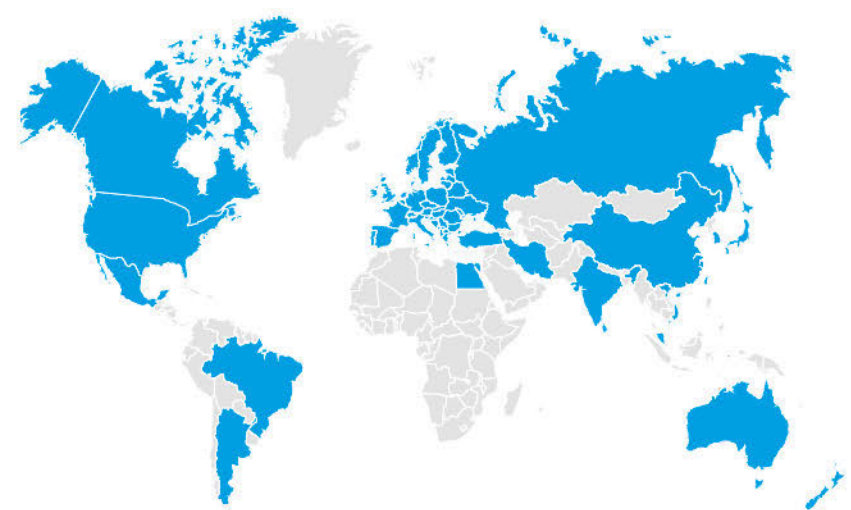
40 MILIONI/EURO DI FATTURATO  
40 MILLION EURO OF TURNOVER

CRESCITA ANNUA 2018/2022 > 20%  
ANNUAL GROWTH 2018/2022 > 20%

HITECO in numeri.  
Hiteco in numbers.

Una **presenza worldwide** per un **servizio best-in-class**.

A worldwide presence for best-in-class service.



La **distribuzione capillare** dell'azienda risponde alla volontà di Hiteco di essere vicina al cliente con la presenza sul territorio di **tecnici specializzati** che sono garanzia di una risposta estremamente rapida e professionale: non solo per ridurre fermi macchina e problemi alla produzione, ma anche per creare valore aggiunto con la proposta di soluzioni efficaci ed innovative. Questa attenzione, oltre ai ridotti tempi di consegna, è uno dei motivi che ha portato Hiteco ad avere la più alta **customer satisfaction** nel mercato internazionale.

The **widespread distribution** of the company responds to the desire of Hiteco to be close to the customer with the presence of **specialized technicians** on the territory who guarantee an extremely rapid and professional response: not only to reduce machine downtimes and production problems, but also to create added value with the proposal of effective and innovative solutions. Such care, in addition to reduced delivery times, is one of the reasons that led Hiteco to have the highest **customer satisfaction** on the international market.

**HITECO**  
HIGH TECHNOLOGY COMPONENTS

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## FOCUS ON

### TESTE BIROTATIVE BIROTARY UNITS



Progettazione e assemblaggio dei componenti principali MADE IN ITALY  
MADE IN ITALY design and assembly of main components



Flessibilità di applicazione per eseguire lavorazioni su ogni tipologia di materiale  
Flexibility of application to perform on any type of material



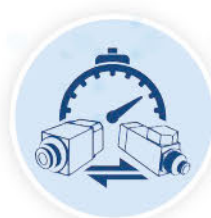
Estrema precisione con la risoluzione encoder di  $\pm 15$  arcsec per il posizionamento assi  
Extreme precision with encoder resolution of  $\pm 15$  arcsec for axis positioning



Elevata coppia frenante e rigidità ideali per eseguire grandi asportazioni in condizioni gravose e ottenere ottime finiture  
High braking torque and stiffness ideal for carrying out large removals in heavy conditions to obtain excellent finishes



Elettromandri disponibili con ampio range di potenze (fino a 30 kW)  
Electrospondles available with a wide range of powers (up to 30 kW)



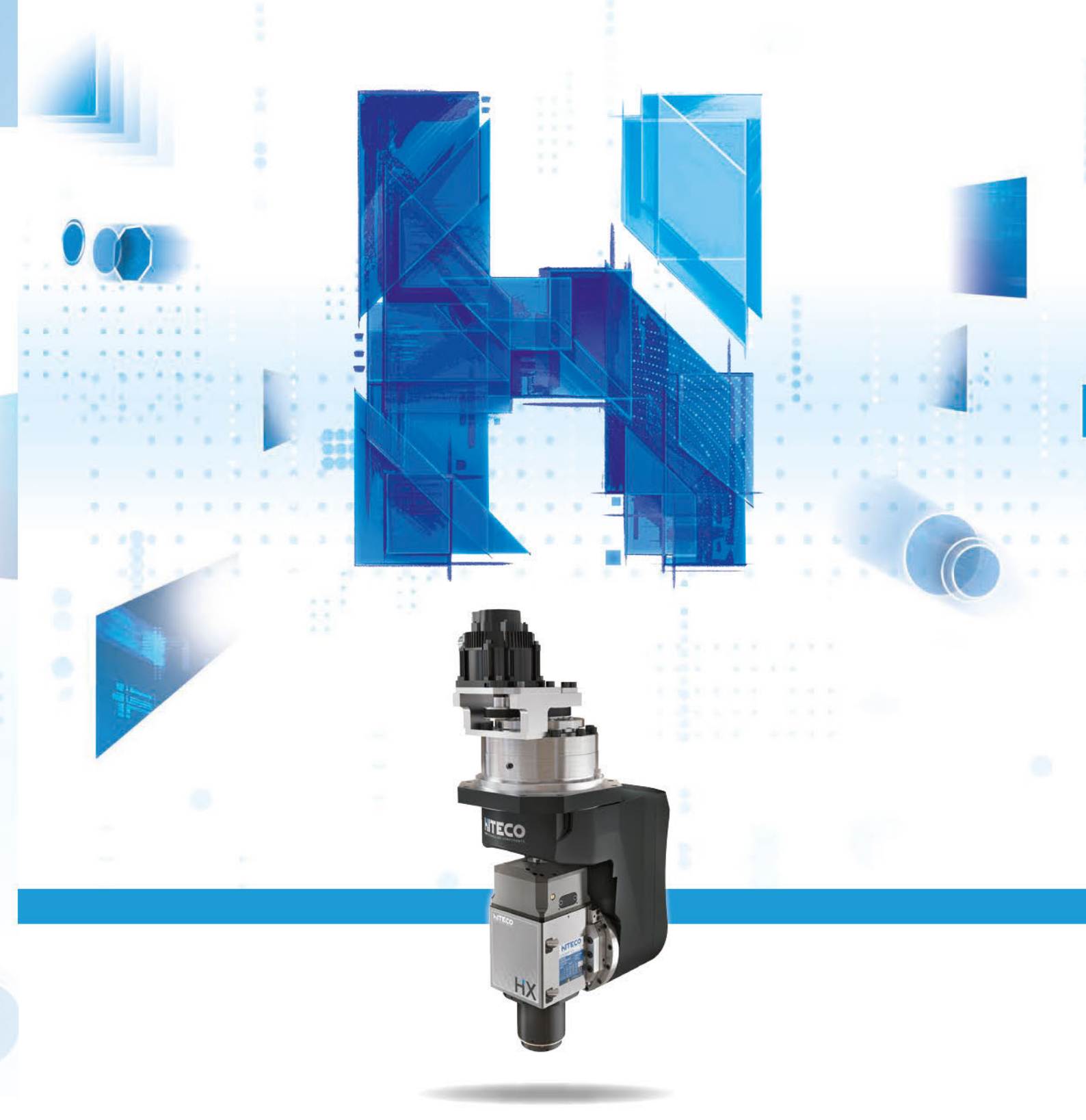
Manutenzione semplificata con la rapida sostituzione dell'elettromandrino e dell'encoder asse per ridurre i tempi di fermo macchina  
Simplified maintenance with electrospondle and axis encoder rapid replacement to reduce machine downtime



Ingombri in rotazione ridotti per un design macchina compatto  
Small rotating dimensions for a compact machine design



Ottimizzazione dei tempi di lavoro grazie all'elevata velocità di posizionamento  
Working times optimization thanks to the high positioning speed



### TESTE BIROTATIVE BIROTARY UNITS

ADVANCED MATERIALS METAL and LIGHT ALLOW PLASTIC WOOD



**HITECO**  
HIGH TECHNOLOGY COMPONENTS

**HITECO**  
HIGH TECHNOLOGY COMPONENTS

Componenti ad **alta tecnologia** per produttori di macchine utensili.

**High-tech components** for machine tool manufacturers.

Hiteco è specializzata nella progettazione e realizzazione di componenti elettromeccanici industriali ad alta tecnologia per le macchine utensili.

**Elettromandri ATC, elettromandri MTC, teste birotative, teste di foratura ed aggregati.**

Hiteco is specialized in design and manufacture of high technology industrial electromechanical components for machine tools **ATC electrospindles, MTC electrospindles, birotary heads, boring units and aggregates.**



Hiteco si propone sul mercato internazionale con un'ampia gamma di prodotti per la lavorazione di: **legno, plastica, materiali avanzati, vetro, pietra e metallo.**

Hiteco offers a wide range of products on international market for **wood, plastic, advanced materials, glass, stone and metal processing.**

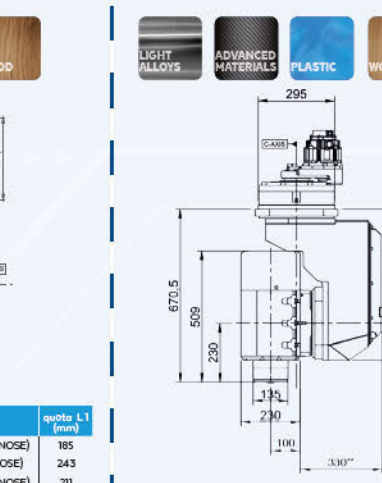
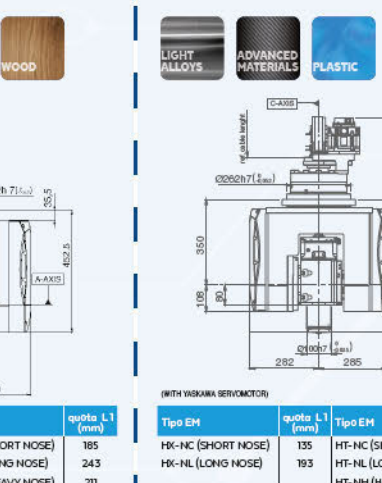
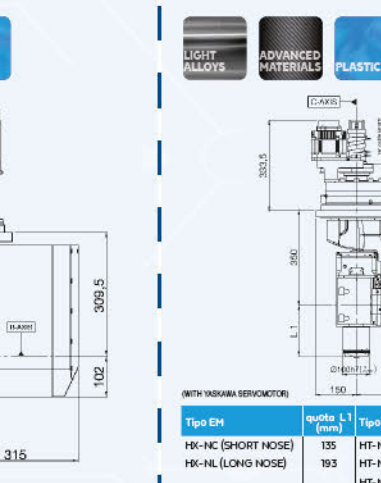
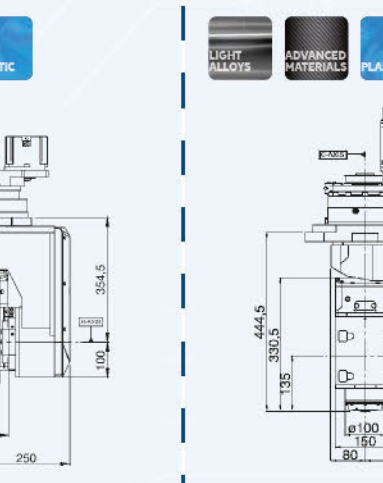
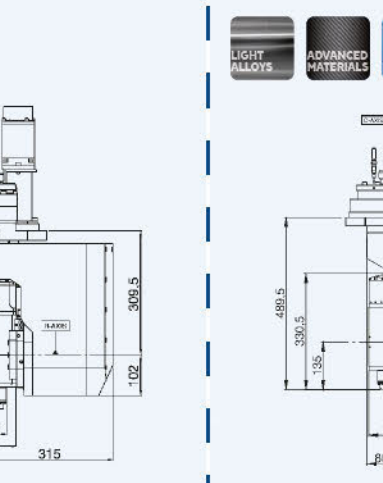
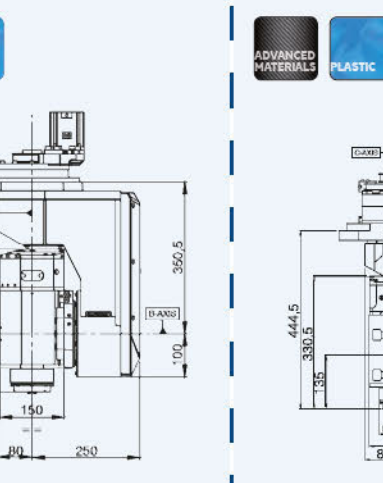
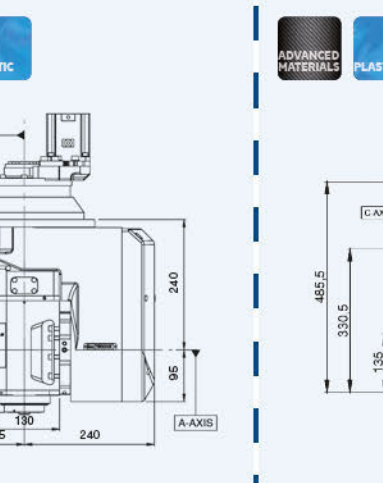
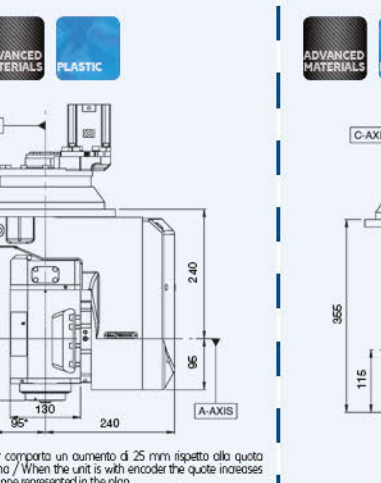
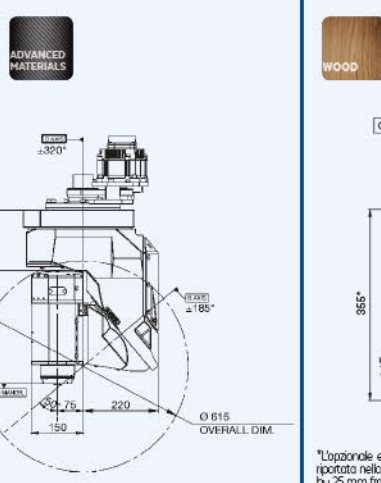
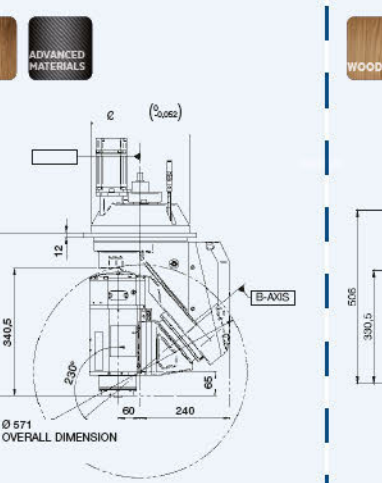
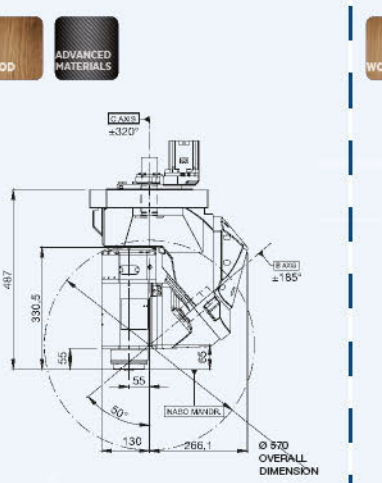
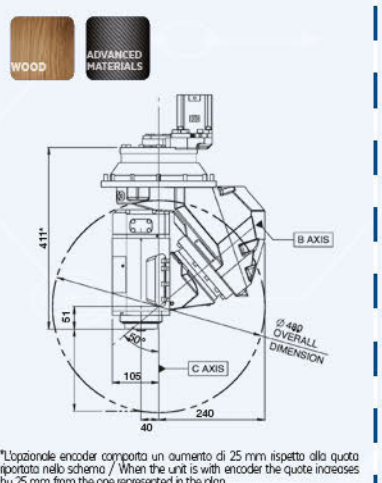
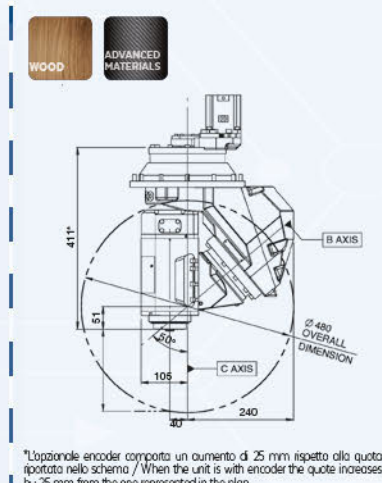


Hiteco nasce nel 1977 come divisione interna di **SCM Group**, azienda leader mondiale nella costruzione di macchine utensili per la lavorazione di una vasta gamma di materiali, realizzando un percorso di crescita esponenziale. Diventa nel 2008 un'unità di profitto per servire il mercato terzi. **Dal 1 Aprile 2023 nasce Hiteco S.r.l.** con l'obiettivo di incrementare ulteriormente l'**attenzione** e la **focalizzazione** alle **esigenze** del cliente nella continua **ricerca** di fornire i migliori prodotti e servizi. Oggi realizza prodotti di riferimento nel mercato dei componenti, diventando uno tra i più importanti player mondiali nel settore.

Hiteco founded in 1977 as an internal division of the **SCM Group**, leading company in machine tools construction for processing a wide range of materials, had an increasingly exponential growth. In 2008 it became a profit unit for external customers. **From 1 April 2023 Hiteco S.r.l.** was born with the aim of further **increase the attention** and **focus** on customer **needs** and in the continuous **search** to provide the best products and services. Today Hiteco offers key products for the components market, becoming one of the most important world players in the sector.

AVAILABLE WITH  
**iM**  
Smart sensor

AVAILABLE WITH  
**iM**  
Smart sensor



TECHNICAL SPECIFICATIONS  
SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS  
SPECIFICHE TECNICHE

**SERIE ORBITAL (50°)**

**SERIE TILT (90°)**

MODELS / MODELLI	SERIE ORBITAL (50°)										SERIE TILT (90°)										MODELS / MODELLI																					
	ORBITAL J		ORBITAL J HIGH SPEED		ORBITAL K		ORBITAL K PLUS		ORBITAL H		TILT J		TILT J HIGH SPEED		TILT K		TILT K PLUS		TILT H			TILT H PLUS		TILT V		TILT W		TILT TLP														
AXIS / ASSE	B	C	B	C	B	C	B	C	B	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C														
Servomotor / Servomotore	Yaskawa*		Yaskawa*		Yaskawa*		Yaskawa*		Yaskawa*		Yaskawa*		Yaskawa*		Yaskawa*		Yaskawa*		Yaskawa*		Yaskawa*		Yaskawa*		Yaskawa*		Yaskawa*															
Servomotor power Potenza servomotore	0,4 kW		0,4 kW		0,4 kW		0,65 kW		0,75 kW		0,85 kW		0,40 kW		0,40 kW		0,65 kW		0,40 kW		0,75 kW		0,40 kW		0,65 kW		0,75 kW		0,85 kW		0,75 kW		0,85 kW									
Servomotor encoder Encoder servomotore	Absolute 20 Bit Assoluto		Absolute 20 Bit Assoluto		Absolute 20 Bit Assoluto		Absolute 20 Bit Assoluto		Absolute 20 Bit Assoluto		Absolute 20 Bit Assoluto		Absolute 20 Bit Assoluto		Absolute 20 Bit Assoluto		Absolute 20 Bit Assoluto		Absolute 20 Bit Assoluto		Absolute 20 Bit Assoluto		Absolute 20 Bit Assoluto		Absolute 20 Bit Assoluto		Absolute 20 Bit Assoluto		Absolute 20 Bit Assoluto													
Gearbox / Riduttore	Harmonic Drive		Harmonic Drive		Harmonic Drive		Sumitomo		Sumitomo		Harmonic Drive		Harmonic Drive		Sumitomo		Harmonic Drive		Sumitomo		Sumitomo		Sumitomo		Sumitomo		Sumitomo		Sumitomo		Sumitomo											
Stall torque / Coppia di stallo	320 Nm		320 Nm		320 Nm		260 Nm		320 Nm		320 Nm		670 Nm		380 Nm		380 Nm		350 Nm		503 Nm		380 Nm		460 Nm		350 Nm		503 Nm		425 Nm		635 Nm		425 Nm		635 Nm		800 Nm		636 Nm	
Peak torque / Coppia di picco	570 Nm		570 Nm		570 Nm		1030 Nm		740 Nm		980 Nm		570 Nm		570 Nm		1030 Nm		570 Nm		980 Nm		1030 Nm		1030 Nm		1962 Nm		1030 Nm		1962 Nm		1030 Nm		1962 Nm		1962 Nm		3188 Nm			
Max axes rotation Max rotazione asse	±185°	±320°	±185°	±320°	±185°	±320°	±185°	±320°	±185°	±320°	±185°	±320°	±120°	±320°	±120°	±320°	±135°	±320°	±130°	±320°	±135°	±320°	±130°	±320°	±120°	±320°	±120°	±320°	±120°	±320°	±120°	±320°	±135°	±320°								
Axes brakes Freni meccanici	No		No		No		Si Yes		No		Si Yes		Si Yes		No		No		Si Yes		Si Yes		Si Yes		Si Yes		Si Yes		Si Yes		Si Yes		Si Yes		Si Yes							
Axes encoder / Encoder assi	-		-		-		-		-		-		-		-		-		-		Si Yes (OPT)		Si Yes (OPT)		Si Yes (OPT)		Si Yes (OPT)		Si Yes (OPT)		Si Yes (OPT)		Si Yes (OPT)									
Max. positioning speed Velocità posizionamento max	7.000°/'		7.000°/'		7.000°/'		8.000°/'		10.000°/'		10.000°/'		11.500°/'		6.100°/'		6.100°/'		6.700°/'		7.500°/'		6.100°/'		9.300°/'		6.700°/'		7.500°/'		10.000°/'		12.500°/'		10.000°/'		12.500°/'		10.000°/'		11.000°/'	
Axes positioning accuracy Precisione di posizionamento assi	±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec		±30 arcsec					
Repeatability / Repetibilità	-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-					
External air connections / Utenze	-		-		-		-		-		-		n° 1		n° 2		n° 2		n° 2		n° 2		n° 2		n° 2		n° 2		n° 2		n° 2		n° 2		n° 2							
Weight / Peso	55 kg		55 kg		100 kg		90 kg		140 kg		60 kg		100 kg		100 kg		100 kg		120 kg		110 kg		150 kg		210 kg		250 kg		250 kg		250 kg		250 kg									

\* Sono disponibili altre marche di motorizzazioni a richiesta (che comportano una variazione del layout) / \* Other engine brands are available on request (involving a variation of the layout)

**ELETTROMANDRINI DISPONIBILI / AVAILABLE ELECTROSPINDLES**

For more details on the electrospindles, refer to the ATC electrospindles catalogue.  Per maggiori dettagli sugli elettromandri fare riferimento al catalogo elettromandri ATC	QX SERIES		QX HIGH SPEED SERIES		PX SERIES		PX SERIES		PX SERIES		QX SERIES		QX HIGH SPEED SERIES		PX SERIES		HX SERIES		PX SERIES		HX SERIES		HX SERIES		HT SERIES		HT NH SERIES		QM SERIES	
	Model	Material	Model	Material	Model	Material	Model	Material	Model	Material	Model	Material	Model	Material	Model	Material	Model	Material	Model	Material	Model	Material	Model	Material	Model	Material	Model	Material	Model	Material
	QX-1C 5/12 21	COMPRESSED AIR	QX-2 8/15 36	LIQUID HIGH SPEED	PX-2 10/7 24	LIQUID TORQUE	PX-2 10/7 24	LIQUID TORQUE	PX-2 10/7 24	LIQUID TORQUE	QX-1C 5/12 21	COMPRESSED AIR	QX-2 8/15 36	LIQUID HIGH SPEED	PX-2 10/7 24	LIQUID TORQUE	HX-2 10/7 24	LIQUID TORQUE	PX-2 10/7 24	LIQUID TORQUE	HX-2 10/7 24	LIQUID TORQUE	HX-2 10/7 24	LIQUID TORQUE	HX-2 10/7 24	LIQUID TORQUE	HX-2 10/7 24	LIQUID TORQUE	QM-2 30/6 13	LIQUID HIGH TORQUE
	QX-2 8.5/12 24	LIQUID SPEED	QX-2 8/15 40	LIQUID HIGH SPEED	PX-2 13/7 24	LIQUID TORQUE	PX-2 13/7 24	LIQUID TORQUE	PX-2 13/7 24	LIQUID TORQUE	QX-2 8.5/12 24	LIQUID SPEED	QX-2 8/15 40	LIQUID HIGH SPEED	PX-2 13/7 24	LIQUID TORQUE	HX-2 13/7 24	LIQUID TORQUE	PX-2 13/7 24	LIQUID TORQUE	HX-2 13/7 24	LIQUID TORQUE	HX-2 13/7 24	LIQUID TORQUE	HX-2 13/7 24	LIQUID TORQUE	HX-2 13/7 24	LIQUID TORQUE	QM-2 34/6 15	LIQUID HIGH TORQUE
	QX-2 10/12 24	LIQUID SPEED			PX-2 12/12 24	LIQUID SPEED	PX-2 12/12 24	LIQUID SPEED	PX-2 12/12 24	LIQUID SPEED	QX-2 10/12 24	LIQUID SPEED			PX-2 12/12 24	LIQUID SPEED	HX-2 12/12 24	LIQUID SPEED	PX-2 12/12 24	LIQUID SPEED	HX-2 12/12 24	LIQUID SPEED	HX-2 12/12 24	LIQUID SPEED	HX-2 12/12 24	LIQUID SPEED	HX-2 12/12 24	LIQUID SPEED		
	QX-2 11/12 24	LIQUID SPEED			PX-2 15/12 24	LIQUID SPEED	PX-2 15/12 24	LIQUID SPEED	PX-2 15/12 24	LIQUID SPEED	QX-2 11/12 24	LIQUID SPEED			PX-2 15/12 24	LIQUID SPEED	HX-2 15/12 24	LIQUID SPEED	PX-2 15/12 24	LIQUID SPEED	HX-2 15/12 24	LIQUID SPEED	HX-2 15/12 24	LIQUID SPEED	HX-2 15/12 24	LIQUID SPEED	HX-2 15/12 24	LIQUID SPEED		
	QX-2 11/10 24	LIQUID TORQUE							PX-2 18/12 24	LIQUID SPEED	QX-2 11/10 24	LIQUID TORQUE			PX-2 18/12 24	LIQUID SPEED	HX-2 18/12 24	LIQUID SPEED	PX-2 18/12 24	LIQUID SPEED	HX-2 18/12 24	LIQUID SPEED	HX-2 18/12 24	LIQUID SPEED	HX-2 18/12 24	LIQUID SPEED	HX-2 18/12 24	LIQUID SPEED		
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