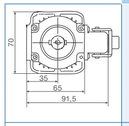
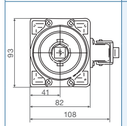
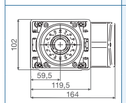
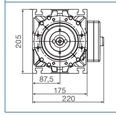
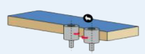
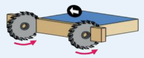
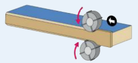
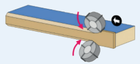
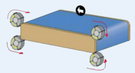
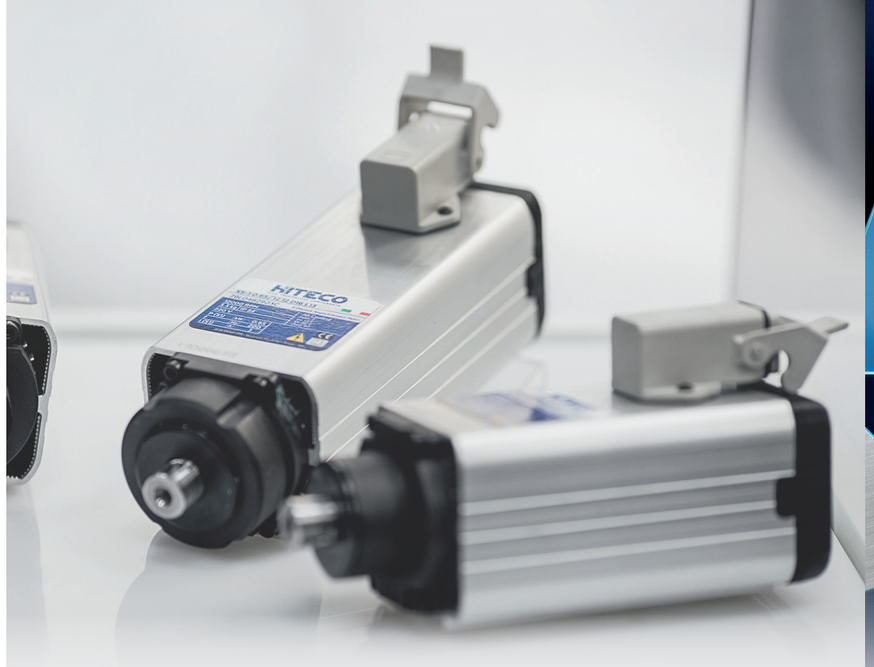
TABELLA DI MODULARITÀ / MODULARITY TABLE

Tabella non esaustiva e a titolo d'esempio. Sono disponibili altre versioni dei prodotti presenti nel flyer
Non-exhaustive table and by way of example. Available other versions of the products featured in the flyer.

	SERIE / SERIES	ESTRUSO / CASE	POTENZA / POWER	VEL.MAX / MAX SPEED					TIPOLOGIA ATTACCO UTENSILE / TOOL HOLDER TYPE												
				9000	12000	16000	18000	24000	HSK 25R	D 10	D 12	D 16	D 20	D 30	D 40	D 50	ER 20	ER 25	ER32 DX	HSK 32C	HSK 40C
	XS	65x70	0,35		✓			✓	✓		✓	✓									
			0,55		✓		✓	✓		✓		✓									
			0,65		✓							✓									
			1					✓									✓			✓	
	S	82x93	0,19		✓						✓										
			1,5		✓			✓						✓				✓		✓	
			3					✓									✓	✓		✓	
	QN	119,5x102	3		✓		✓	✓						✓					✓		✓
			4,5				✓	✓											✓		✓
			6,5				✓	✓											✓		✓
	MQH	205x175	8	✓											✓						
			13	✓											✓	✓					

MANDRINI MTC PER LA BORDATURA / MTC SPINDLES FOR EDGING PROCESS

		XS	S	MQH
	RETTIFICA BORDO In questa fase viene rettificato il lato da bordare del pannello. Si eliminano dal pannello le eventuali scheggiature dovute al precedente processo di sezionatura. PRE-MILLING At this stage the side to be edged of the panel is rectified. Any chipping due to the previous cutting process is eliminated from the panel.		✓	✓
	INTESTATURA Taglia l'eccedenza di bordo dalla testa e dalla coda del pannello. END-TRIMMING Cut off overboad from panel head and end.	✓		
	REFILATURA Serve per l'asportazione della sporgenza superiore ed inferiore di bordi in massello, in modo che il gruppo seguente (spigolatore) trovi poco materiale da asportare ed esegua una finitura ottimale. EDGE-TRIMMING It's used for the removal of the upper and lower protrusion of solid edges, so that the following group (edger) finds little material to remove and performs an optimal finish.	✓	✓	
	SPIGOLATORE Serve per la spigolatura della sporgenza superiore ed inferiore di bordi sottili o per la raggiatura della sporgenza superiore ed inferiore dei bordi a spessore. FINE-TRIMMING It's used for the gleaning of the upper ledge and lower of thin edges or for the radius of the upper and lower projection of the thick edges.		✓	
	ARROTONDATORE Consente di arrotondare la testa e la coda di pannelli bordati con bordi a spessore FINE-TRIMMING It allows you to round the panels edged with thick edges from end to end.	✓		



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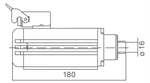
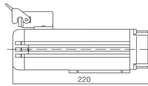
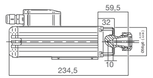
HIGH TECHNOLOGY COMPONENTS

ELETTROMANDRINI MTC
MTC ELECTROSPINDLES

ADVANCED MATERIALS | PLASTIC | WOOD | ALLUMINIUM

MULTITECH XS

PLASTIC WOOD

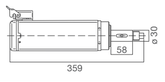
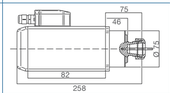
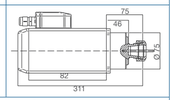
SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS	XS-1 0.35/12 12	XS-1 0.55/12 12	XS-1 0.65/12 12	XS-1 1/18 24
Potenza (S1-S6) / Power (S1-S6)	0,35 kW	0,55 kW	0,65 kW	1/1,2 kW
Assorbimento corrente (S1-S6) Current consumption (S1-S6)	1,8 A	2,7 A	3 A	3/3,5 A
Tensione / Voltage	220 V	220 V	220 V	220/380 V
Coppia (S1-S6) / Torque (S1-S6)	0,28 Nm	0,44 Nm	0,52 Nm	0,50/0,60 Nm
Tipologia elettromandrino Type of electrospindle	Asynchronous 2 poles w/inverter	Asynchronous 2 poles w/inverter	Asynchronous 2 poles w/inverter	Asynchronous 2 poles w/inverter
Velocità nominale / Rated speed	12.000 rpm	12.000 rpm	12.000 rpm	18.000 rpm
Velocità massima / Max speed	12.000 rpm	12.000 rpm	12.000 rpm	24.000 rpm
Attacco utensile / Tool holder ★	Shaft D16	Shaft D16 - L13	Shaft D16 - L13	ER 20 DX
Raffreddamento / Cooling	Shaft driven fan	Shaft driven fan	Shaft driven fan	Shaft driven fan
Cambio utensile / Type of tool changer	Manual	Manual	Manual	Manual
Lubrificazione cuscinetti Grease lubrication	Steel Grease lubrication	Steel Grease lubrication	Steel Grease lubrication	Steel Grease lubrication
Peso / Weight	2,7 Kg	3,2 Kg	3,3 Kg	3 Kg
PRESTAZIONI PERFORMANCES				
LAYOUT LAYOUT				
OPZIONALI OPTIONS				HSK 32C

★ Albero disponibile in più lunghezze / Shaft available in various lengths

* La pinza ER non è fornita con il mandrino / The ER collet is not provided with the spindle

MULTITECH S

PLASTIC WOOD

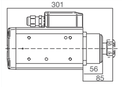
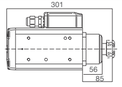
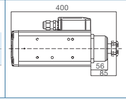
SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS	S-1 0.19/12 12	S-1 1.5/12 12	S-1 1.5/18 24	S-1 3/18 24
Potenza (S1-S6) / Power (S1-S6)	0,19 kW	1,5 kW	1,5/1,8 kW	3/3,6 kW
Assorbimento corrente (S1-S6) Current consumption (S1-S6)	1,4 A	5,7 A	3,5/4 A	6,5/7 A
Tensione / Voltage	220 V	220 V	220/380 V	220/380 V
Coppia (S1-S6) / Torque (S1-S6)	0,15 Nm	1,2 Nm	0,8 Nm	1,6 Nm
Tipologia elettromandrino Type of electrospindle	Asynchronous 2 poles w/inverter	Asynchronous 2 poles w/inverter	Asynchronous 2 poles w/inverter	Asynchronous 2 poles w/inverter
Velocità nominale / Rated speed	12.000 rpm	12.000 rpm	18.000 rpm	18.000 rpm
Velocità massima / Max speed	12.000 rpm	12.000 rpm	24.000 rpm	24.000 rpm
Attacco utensile / Tool holder ★	Shaft D12	Shaft D30	ER25 DX	ER25 DX
Raffreddamento / Cooling	Shaft driven fan	Shaft driven fan	Shaft driven fan	Shaft driven fan
Cambio utensile / Type of tool changer	Manual	Manual	Manual	Manual
Lubrificazione cuscinetti Grease lubrication	Steel Grease lubrication	Steel Grease lubrication	Ceramic Grease lubrication	Ceramic Grease lubrication
Peso / Weight	2 Kg	8 Kg	8 Kg	8,5 Kg
PRESTAZIONI PERFORMANCES				
LAYOUT LAYOUT				
OPZIONALI OPTIONS			Electrofan cooling	HSK 32C

★ Albero disponibile in più lunghezze / Shaft available in various lengths

* La pinza ER non è fornita con il mandrino / The ER collet is not provided with the spindle

MULTITECH QN

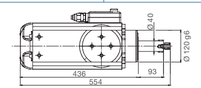
PLASTIC WOOD ADVANCED MATERIALS

SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS	QN-1 3/18 18 BT	QN-1 4.5/18 18 BT	QN-1 6.5/18 18 BT
Potenza (S1-S6) / Power (S1-S6)	3/3,6 kW	4.5/5.4 kW	6.5/7.5 kW
Assorbimento corrente (S1-S6) Current consumption (S1-S6)	8/8,5 A	9.5/15 A	13/15 A
Tensione / Voltage	220/380 V	220/380 V	220/380 V
Coppia (S1-S6) / Torque (S1-S6)	1.6/1.9 Nm	2/2.9 Nm	3.5/4 Nm
Tipologia elettromandrino Type of electrospindle	Asynchronous 2 poles w/inverter	Asynchronous 2 poles w/inverter	Asynchronous 2 poles w/inverter
Velocità nominale / Rated speed	18.000 rpm	18.000 rpm	18.000 rpm
Velocità massima / Max speed	18.000 rpm	18.000 rpm	18.000 rpm
Attacco utensile / Tool holder	ER32DX	ER32 DX	ER32 DX
Raffreddamento / Cooling	Shaft driven fan	Shaft driven fan	Shaft driven fan
Cambio utensile / Type of tool changer	Manual	Manual	Manual
Lubrificazione cuscinetti Grease lubrication	Steel Grease lubrication	Steel Grease lubrication	Steel Grease lubrication
Peso / Weight	10 Kg	11 Kg	14 Kg
PRESTAZIONI PERFORMANCES			
LAYOUT LAYOUT			
OPZIONALI OPTIONS	Compressed air cooling	Electrofan cooling	HSK 40C Ceramic ball bearings Speed 24.000

* La pinza ER non è fornita con il mandrino / The ER collet is not provided with the spindle

MULTITECH MQH

WOOD

SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS	MQH-1 8/6 9	MQH-1 13/6 9
Potenza (S1-S6) / Power (S1-S6)	8/10 kW	13/14.4 kW
Assorbimento corrente (S1-S6) / Current consumption (S1-S6)	15.8/18.7 A	25.8/30 A
Tensione / Voltage	380 V	380 V
Coppia (S1-S6) / Torque (S1-S6)	12.7/15.9 Nm	20.7/22.7 Nm
Tipologia elettromandrino / Type of electrospindle	Asynchronous 2 poles w/inverter	Asynchronous 2 poles w/inverter
Velocità nominale / Rated speed	6.000 rpm	6.000 rpm
Velocità massima / Max speed	9.000 rpm	9.000 rpm
Attacco utensile / Tool holder ★	Shaft D40 - L93	Shaft D40 - L93
Raffreddamento / Cooling	Shaft driven fan	Shaft driven fan
Cambio utensile / Type of tool changer	Manual	Manual
Lubrificazione cuscinetti / Grease lubrication	Steel Grease lubrication	Steel Grease lubrication
Sensore / Sensor	s3	s3
Peso / Weight	55 Kg	55 Kg
PRESTAZIONI PERFORMANCES		
LAYOUT LAYOUT		

★ Albero disponibile in più lunghezze / Shaft available in various lengths

MULTITECH XS

MULTITECH S

MULTITECH QN

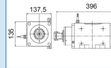
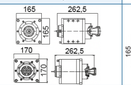
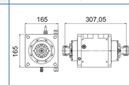
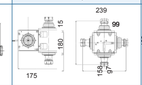
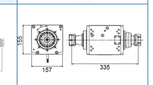
MULTITECH MQH

MULTITECH ML/ML CROSS

MULTITECH MA/MA CROSS

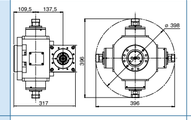
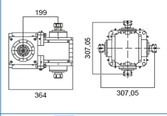
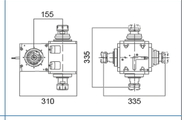
MULTITECH MA/ML

PLASTIC WOOD ADVANCED MATERIALS

SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS	MA-1C 7.5/12 24	ML-1C 10/12 24	ML-1C 10/12 24	ML-2 12/12 24	ML-2 12/12 24
Potenza (S1-S6) / Power (S1-S6)	7.5 / 8.5 kW	10/12kW	10/12kW	12/13 kW	12/13 kW
Assorbimento corrente (S1-S6) Current consumption (S1-S6)	16/17A	21.3/22 A	21.3/22 A	25/28 A	25/28 A
Tensione / Voltage	380 V	380 V	380 V	380 V	380 V
Coppia (S1-S6) / Torque (S1-S6)	6/6.8 Nm	8/8.8 Nm	8/8.8 Nm	9.5/10.3 Nm	9.5/10.3 Nm
Tipologia elettromandrino Type of electrospindle	Asynchronous 4 poles w/inverter	Asynchronous 4 poles w/inverter	Asynchronous 4 poles w/inverter	Asynchronous 4 poles w/inverter	Asynchronous 4 poles w/inverter
Velocità nominale / Rated speed	12.000 rpm	12.000 rpm	12.000 rpm	12.000 rpm	12.000 rpm
Velocità massima / Max speed	24.000 rpm	24.000 rpm	24.000 rpm	24.000 rpm	24.000 rpm
Attacco utensile / Tool holder	ER32 DX-SX	ER32 DX	ER32 DX-SX	ER40 DX	ER40 DX-SX
Raffreddamento / Cooling	Compressed air	Compressed air	Compressed air	Liquid	Liquid
Cambio utensile / Type of tool changer	Manual	Manual	Manual	Manual	Manual
Lubrificazione cuscinetti Grease lubrication	Ceramic Grease lubrication for life	Front ceramic/Rear steel Grease lubrication	Ceramic Grease lubrication	Front ceramic/Rear steel Grease lubrication	Ceramic Grease lubrication
Peso / Weight	22 Kg	22 Kg	22 Kg	23 Kg	26 Kg
LAYOUT LAYOUT					
OPZIONALI OPTIONS		HSK 50C ER 40 DX	ER 40 DX-SX		
PRESTAZIONI PERFORMANCES					

MULTITECH MA/ML CROSS

PLASTIC WOOD ADVANCED MATERIALS

SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS	MA-1C 7.5/12 24	ML-1C 10/12 24	ML-2 12/12 24
Potenza (S1-S6) / Power (S1-S6)	7.5/8.5 kW	10/12 kW	12/13 KW
Assorbimento corrente (S1-S6) / Current consumption (S1-S6)	16/17A	21.3/22 A	25/28 A
Tensione / Voltage	380 V	380 V	380 V
Coppia (S1-S6) / Torque (S1-S6)	6/6.8 Nm	8/8.8 Nm	9.5/10.3 Nm
Tipologia elettromandrino / Type of electrospindle	Asynchronous 4 poles w/inverter	Asynchronous 4 poles w/inverter	Asynchronous 4 poles w/inverter
Velocità nominale / Rated speed	12.000 rpm	12.000 rpm	12.000 rpm
Velocità massima / Max speed	24.000 rpm	24.000 rpm	24.000 rpm
Attacco utensile / Tool holder	ER32 DX-SX	ER32 DX-SX	ER40 DX-SX
Raffreddamento / Cooling	Compressed air	Compressed air	Liquid
Cambio utensile / Type of tool changer	Manual	Manual	Manual
Lubrificazione cuscinetti / Grease lubrication	Ceramic Grease lubrication	Ceramic Grease lubrication	Ceramic Grease lubrication
Peso / Weight	47 Kg	44 Kg	52 Kg
LAYOUT LAYOUT			
OPZIONALI OPTIONS		ER 40 DX-SX	
PRESTAZIONI PERFORMANCES			