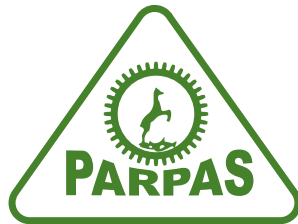




I N C O M I N G

I N N O V A T I O N



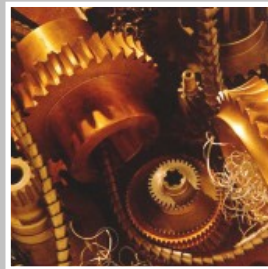
AEROSPACE



POWER GENERATION



AUTOMOTIVE - MOLDS



GENERAL ENGINEERING



INVAR

Corsa Longitudinale

Longitudinal Travel
Längsverfahrwege
Course Longitudinale

mm

6000 ÷ 30000

Corsa Trasversale

Cross Travel
Querverfahrwege
Course Trasversale

mm

1250 + 1000
1500 + 1250

Corsa Verticale

Vertical Travel
Senkrechtsverfahrwege
Course Verticale

mm

3000 ÷ 6500

Avanzamenti

Feeds
Vorschübe
Avances

mm/1'

0 ÷ 25000

Motore mandrino brushless

Brushless AC spindle motor
AC spindelmotor
Moteur de broche brushless

Kw

80 • 100

Nm

7600 • 14500



ML 200		
Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	6000 ÷ 30000
Corsa Trasversale Cross Travel Querverfahrwege Course Transversale	mm	1500
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	3000 ÷ 4500
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 25000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	55
	Nm	1740



ML 150

Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	4000 ÷ 30000
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	1250 • 1500
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	2500 ÷ 3500
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 25000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	37

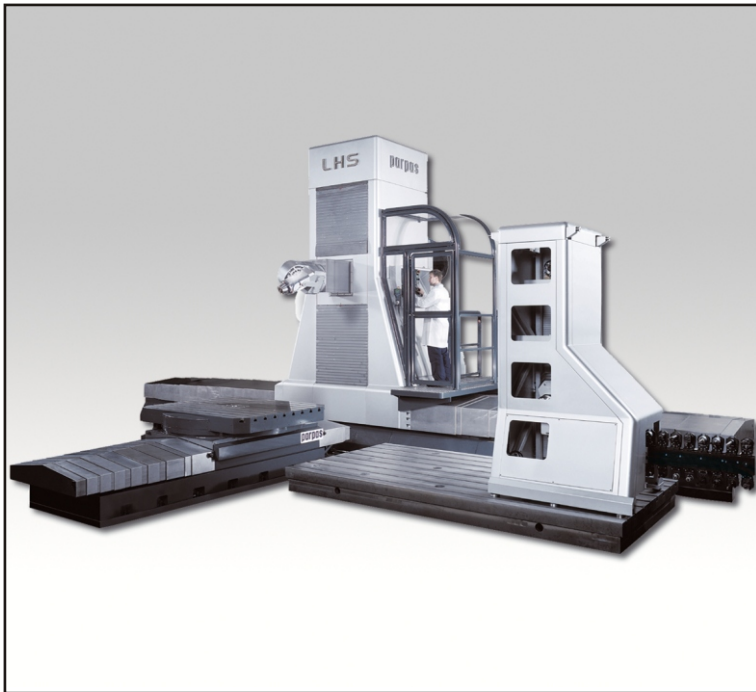


XS			
Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	3000 ÷ 30000	
Corsa Trasversale Cross Travel Querverfahrwege Course Transversale	mm	2500 • 5000	
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	1250 • 2000	
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 40000 0 ÷ 80000	
Testa a fresare universale • Universal milling head Universal Fräskopf • Tête universelle à freseur		Kw rpm	30 5000
Testa a 5 assi motomandrino • 5 axes head motorspindle 5 Achsen-kopf motorspindel • Tête à 5 axes electrobroche		Kw rpm	60 24000



DIAMOND

Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	2200 (+330)
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	1500 (+330)
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	1000
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 40000
Testa 5 assi motomandrino 5 axes head motorspindle 5 Achsen-kopf motorspindel Tête à 5 axes electrobroche	Kw	29
	rpm	22000



LHS		
Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	3500 ÷ 20000
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	1250
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	2000 ÷ 2700
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 40000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	30



THS-X-TILT

Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	1600 (2000)
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	1250 (1600)
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	1250 (1600)
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 30000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	30 • 65



THS 120

Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	2000 ÷ 3000
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	1250 • 1600
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	1250 • 1600
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 30000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	30



THS 100

Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	1500 • 2000 • 2500
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	1000
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	1200
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 40000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	29 ÷ 64

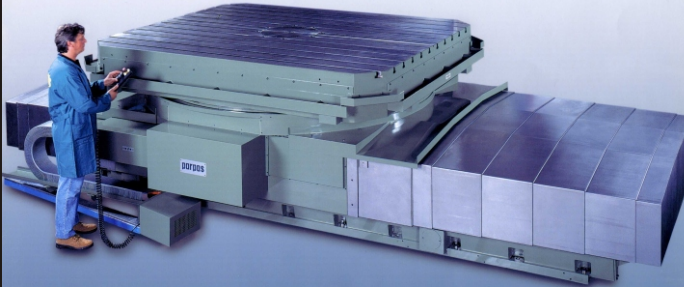


BFAERO		
Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	1600 ÷ 4000
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	800 ÷ 2000
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	760 ÷ 1200
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 12000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	30 • 65



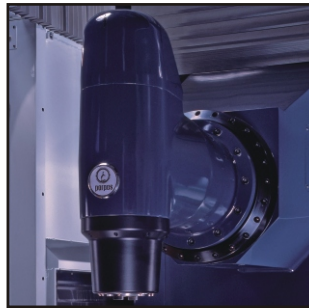
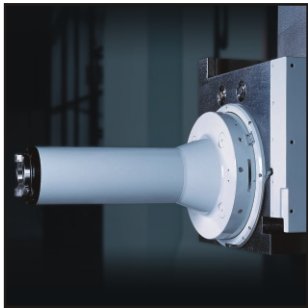
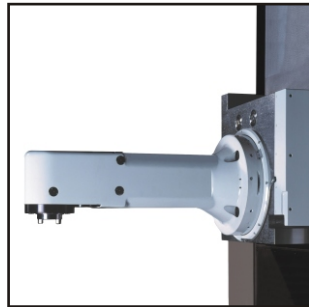
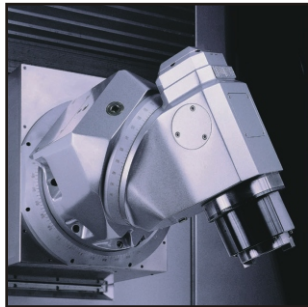
Carico massimo
Max load
Max Belastung
Charge max

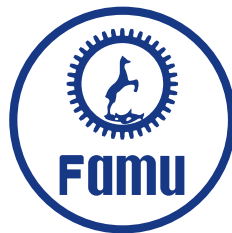
kg 5000 ÷ 150000



mm 1000 x 1000 ÷ 5000 x 5000

The image shows a person in a blue lab coat operating a large, green industrial testing machine. The machine has a large, flat, rectangular platform on top, which is being moved or adjusted by the person. The machine is mounted on a base with wheels. The background is a plain, light-colored wall.





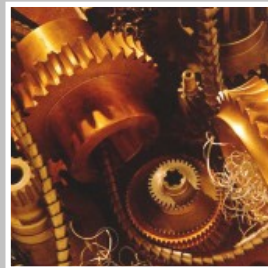
AEROSPACE



POWER GENERATION



AUTOMOTIVE - MOLDS



GENERAL ENGINEERING



FORMULA

Corsa Longitudinale

Longitudinal Travel
Längsverfahrwege
Course Longitudinale

mm

4500 ÷ 20500

Corsa Trasversale

Cross Travel
Querverfahrwege
Course Transversale

mm

1300 • 1600

Corsa Verticale

Vertical Travel
Senkrechtsverfahrwege
Course Verticale

mm

2600 ÷ 4100

Avanzamenti

Feeds
Vorschübe
Avances

mm/1'

**0 ÷ 60000
0 ÷ 30000**

Motore mandrino brushless

Brushless AC spindle motor
AC spindelmotor
Moteur de broche brushless

Kw

45 ÷ 50



BRAVE

Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	4000 ÷ 20000
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	1050 • 1200
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	2100 • 2600
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 30000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	30



SHARK

Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	2000 ÷ 5000
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	1050 • 1200
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	1200 • 1600 • 2100
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 30000 0 ÷ 40000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	22 ÷ 45

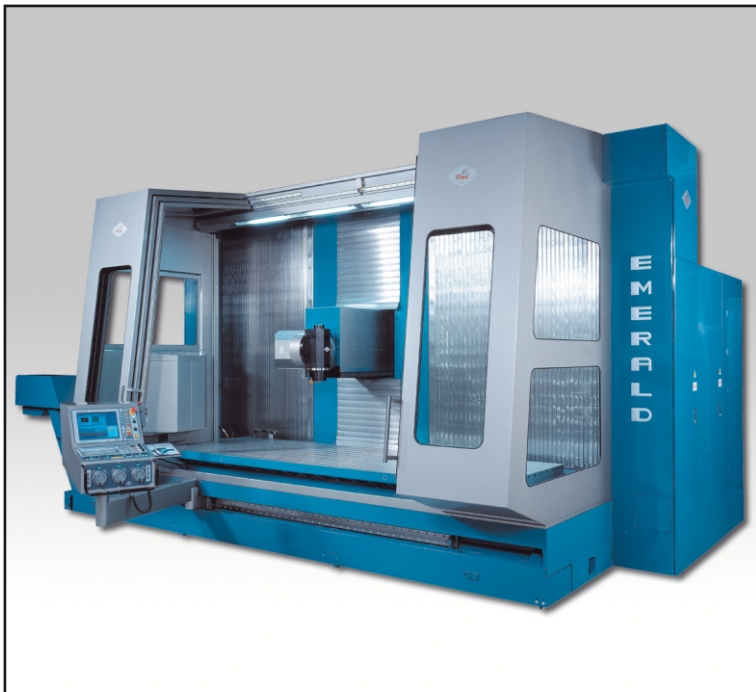


HSC <i>linear</i>		
Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	1100 ÷ 2600
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	500 ÷ 700
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	500 • 700
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 60000 0 ÷ 40000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	29 • 30 • 41



HS·HSL *linear*

Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	1600 ÷ 2800
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	700 ÷ 1040
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	800 ÷ 1150
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 60000 0 ÷ 30000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	29 ▪ 30 ▪ 41



EMERALD *linear*

Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	1600 ÷ 3600
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	1100 • 1400
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	1050 ÷ 1200
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 60000 0 ÷ 40000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	29 • 41 • 45



ESAGON

LINEAR

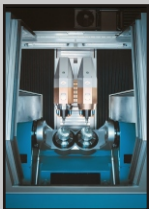
Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	1200
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	800
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	700
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 120000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	20 • 29



BLADER *linear*

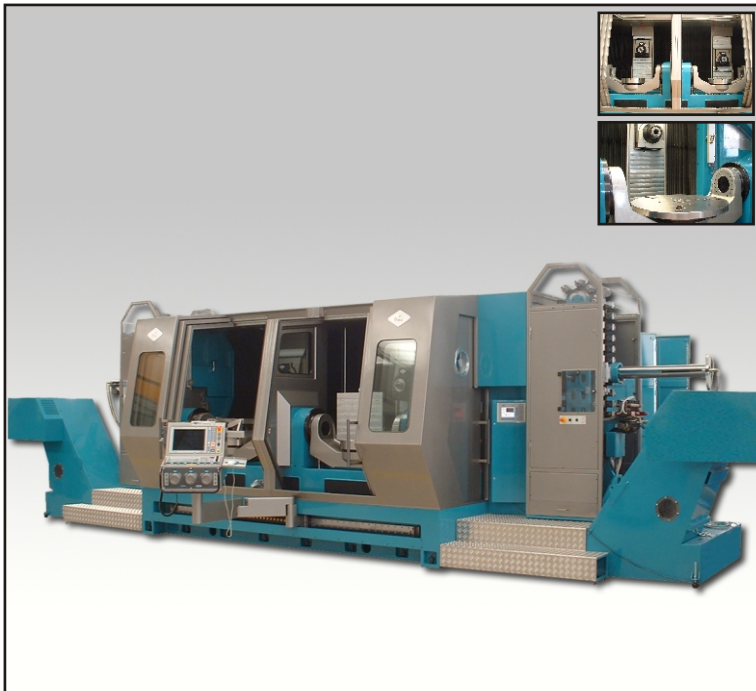
Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	800 ÷ 1700
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	640
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	500
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 60000 0 ÷ 40000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	41

HSC²
SPINDLES



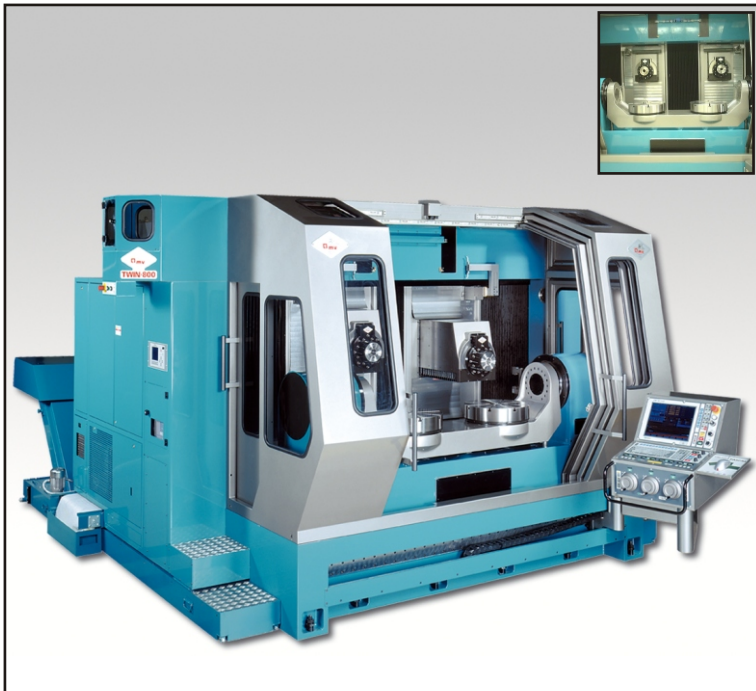
HSC
ONE





TWIN SPLIT

Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	1050 + 1050
Corsa Trasversale Cross Travel Querverfahrwege Course Transversale	mm	650
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	700
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 60000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	29 ▪ 41



TWIN800

Corsa Longitudinale

Longitudinal Travel
Längsverfahrwege
Course Longitudinale

mm

800 + 800

Corsa Trasversale

Cross Travel
Querverfahrwege
Course Transversale

mm

650

Corsa Verticale

Vertical Travel
Senkrechtsverfahrwege
Course Verticale

mm

510

Avanzamenti

Feeds
Vorschübe
Avances

mm/1'

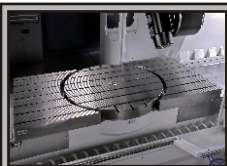
0 ÷ 60000

Motore mandrino brushless

Brushless AC spindle motor
AC spindelmotor
Moteur de broche brushless

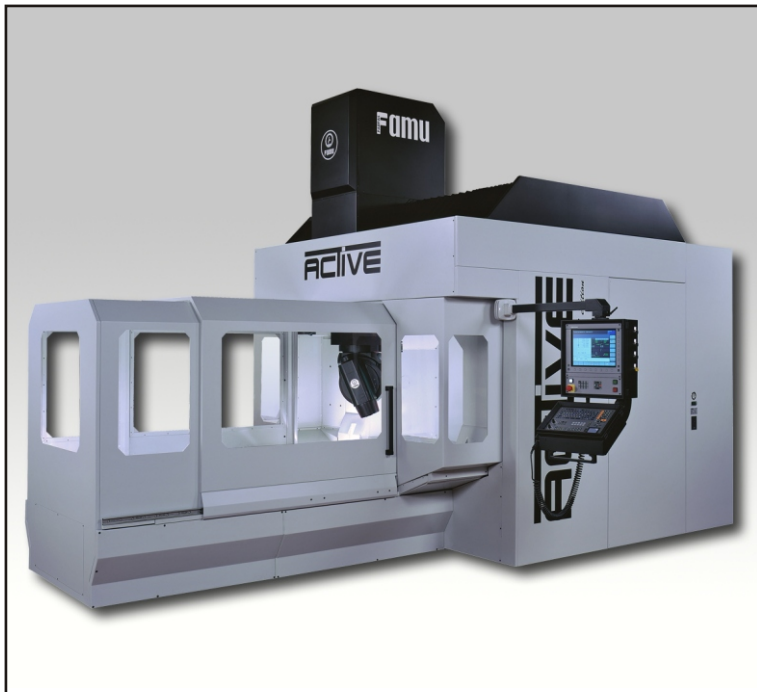
Kw

29 • 41



ROLLER

Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	1600
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	1650
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	800
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 30000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	20 • 30



ACTIVE *linear*

FIVE

Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	2000 ▪ 3000
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	1320 ▪ 1800
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	800 ▪ 850
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 60000 0 ÷ 30000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	20 ▪ 30



PH5680_{FIVE}

Corsa Longitudinale

Longitudinal Travel
Längsverfahrwege
Course Longitudinale

mm

800

Corsa Trasversale

Cross Travel
Querverfahrwege
Course Transversale

mm

600

Corsa Verticale

Vertical Travel
Senkrechtsverfahrwege
Course Verticale

mm

450

Avanzamenti

Feeds
Vorschübe
Avances

mm/1'

0 ÷ 40000

Motore mandrino brushless

Brushless AC spindle motor
AC spindelmotor
Moteur de broche brushless

Kw

7 ÷ 20



PHS FIVE		
Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	1200 • 1600
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	1200
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	600 • 700
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 30000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	7 ÷ 20



PHS

Corsa Longitudinale

Longitudinal Travel
Längsverfahrwege
Course Longitudinale

mm

800 • 1200 • 1600

Corsa Trasversale

Cross Travel
Querverfahrwege
Course Transversale

mm

600 • 800 • 900

Corsa Verticale

Vertical Travel
Senkrechtsverfahrwege
Course Verticale

mm

450 ÷ 700

Avanzamenti

Feeds
Vorschübe
Avances

mm/1'

0 ÷ 40000

Motore mandrino brushless

Brushless AC spindle motor
AC spindelmotor
Moteur de broche brushless

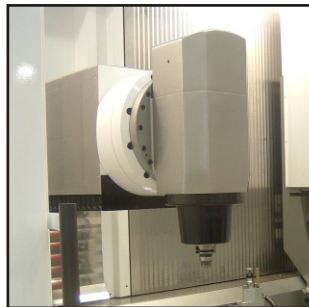
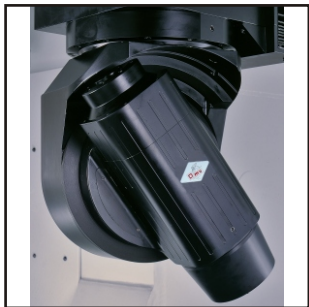
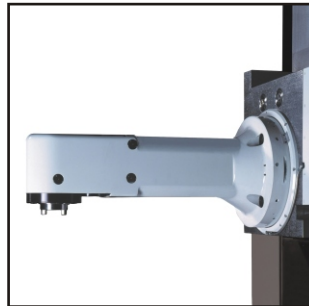
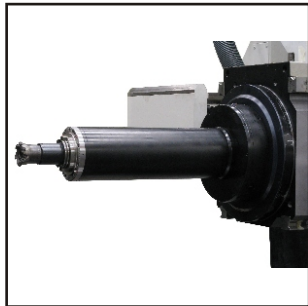
Kw

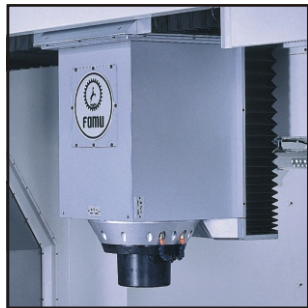
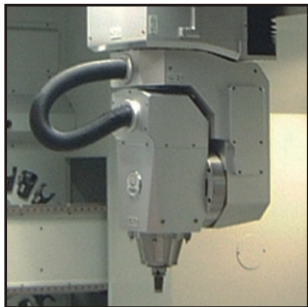
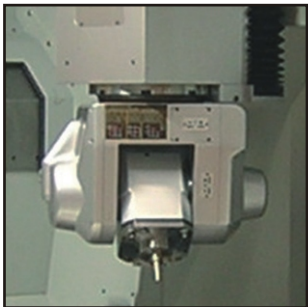
17 ÷ 38



PH5P • PH5P1

Corsa Longitudinale Longitudinal Travel Längsverfahrwege Course Longitudinale	mm	1200 • 1600
Corsa Trasversale Cross Travel Querverfahrwege Course Trasversale	mm	1200
Corsa Verticale Vertical Travel Senkrechtsverfahrwege Course Verticale	mm	500 • 600
Avanzamenti Feeds Vorschübe Avances	mm/1'	0 ÷ 30000
Motore mandrino brushless Brushless AC spindle motor AC spindelmotor Moteur de broche brushless	Kw	17 ÷ 30







S I N C E 1 9 5 1

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