



EUROMA®



Tapping unit

BASIC UNIT

SPEED

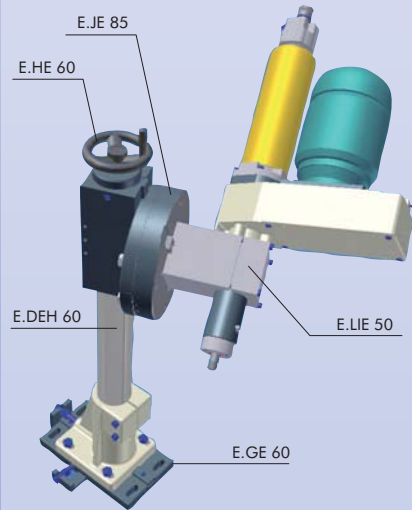
TYPE	CODE	50Hz	60Hz
M.6.50	10201200	■ 1000	1200
	10201202	■ 1500	1800
	10201204	● 2000	2400
	10201206	● 3000	3600

MOTOR

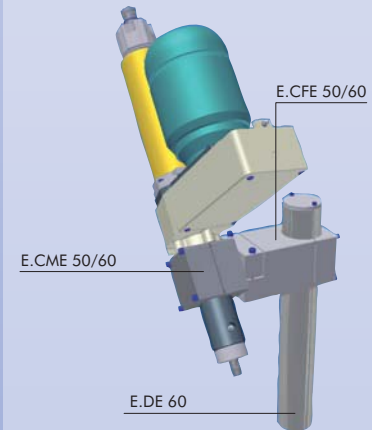
kW	0.37	2P	63 FRAME ●
kW	0.24	4P	63 FRAME ■

P.N. For high cycles tapping operation (above 12/min) please contact Euroma

Unit positioning with angle setting and x-y stroke

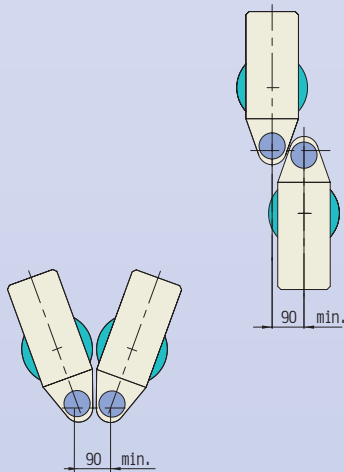


Unit positioning

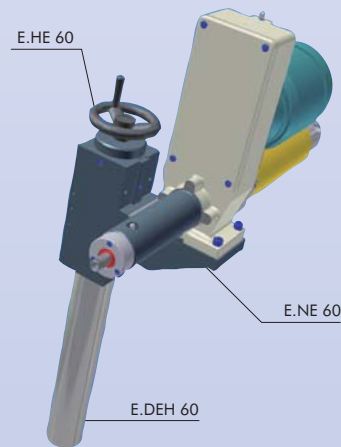


TAPPING UNIT COLLAR MOUNTING

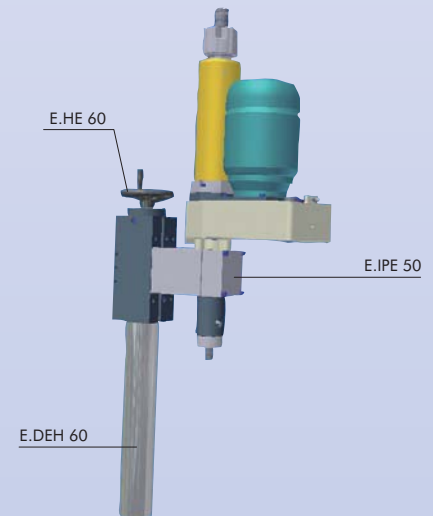
To reach minimum centres (without mounting foot)



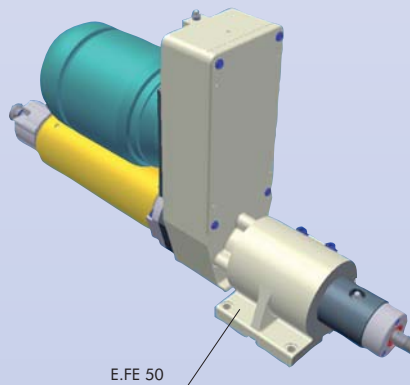
Horizontal axis with vertical setting



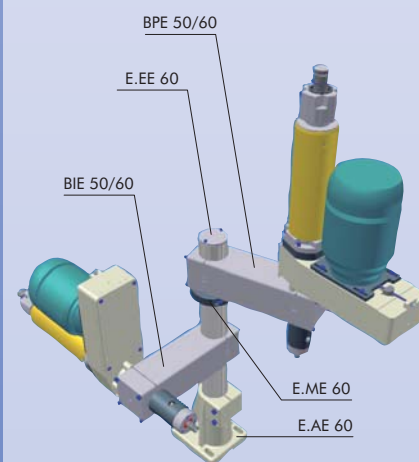
Vertical axis with vertical setting



Collar mounting



Fixed vertical and horizontal installations



NECESSARY COMPONENT

LEAD SCREW-NUT

TYPE



M.P610
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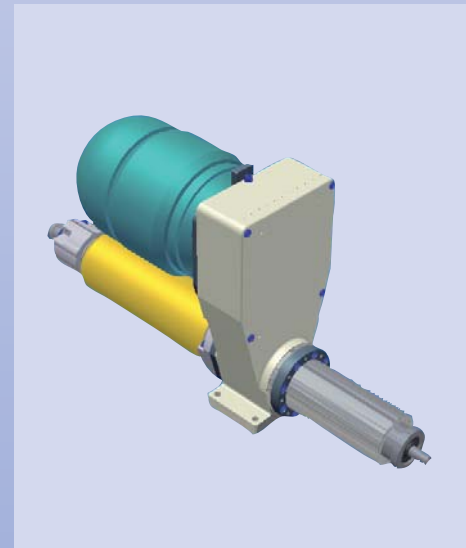
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Tapping unit

● M.13.50 - M.13.100

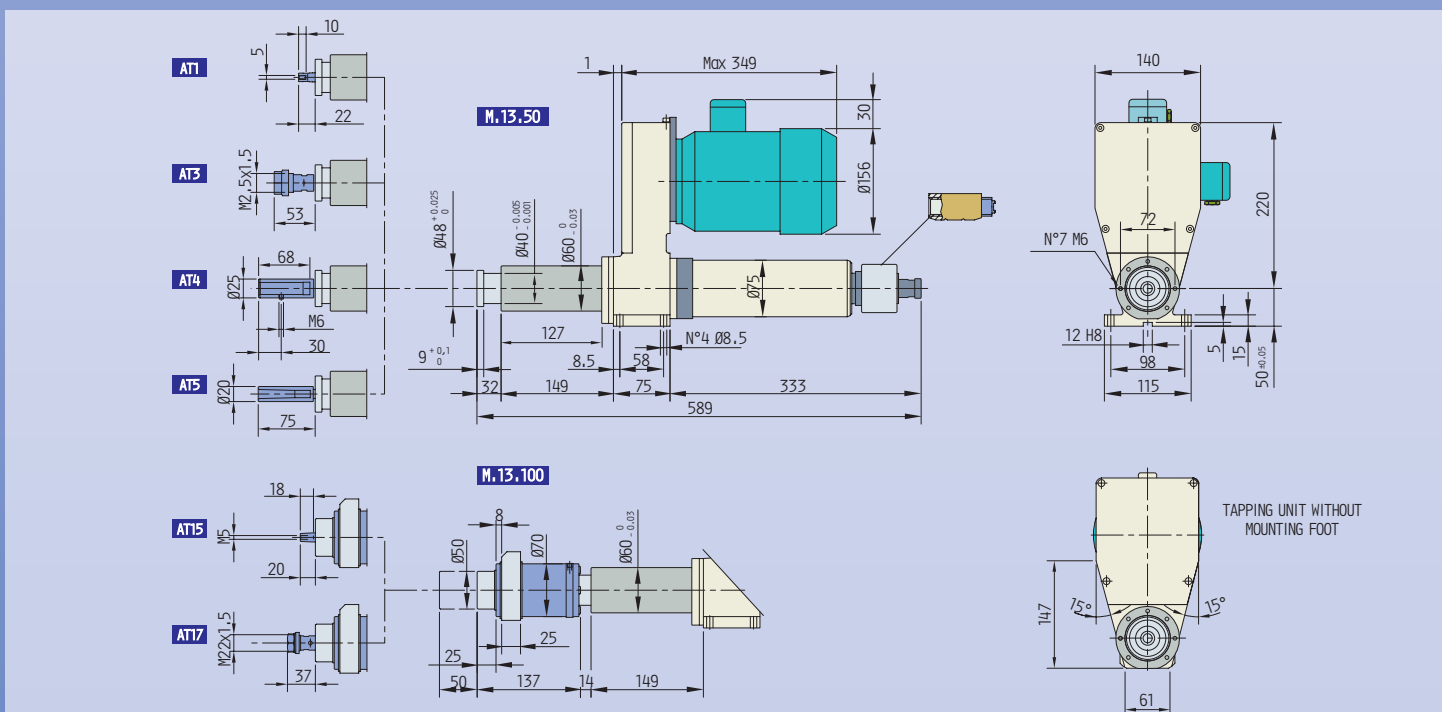
	Total stroke mm	Steel R=60	Aluminium R=40	Brass R=50	Weight kgs	Standard colour RAL	Pneumatic ports	Electric ports	Run out mm T.I.R.	Lead screw	Hardened and ground In oil bath
M.13.50	50	M12	M16	20	7035		PG9	0.02			
M.13.100	100	M12	M16	24	7035	1/8"G	PG9	0.02			



- Electro-mechanical lead screw taper M.12
- Tapping stroke 50 or 100 mm
- Unit is complete with forward and rear end switches.
- Brake motor is standard. It allows reversal and immediate stop of the spindle as micro switches are operated.
- In line lead screw enables tapping operation free of side loads on the quill.
- Adjustable safety device. It prevents breakage of the tap in a no hole situation.
- Model M.13.100 is fitted with an air operated fast approach of 50 mm fixed stroke.

The unit must be ordered complete with the following accessories:

- Tool spindles
 B12 Taper DIN 238 = AT 1 Code 28010012
 ER20 Collet holder (1 ÷ 13 mm cap.) = AT 3 Code 28010016
 16 mm dia. straight bore DIN 55058 = AT 4 Code 28010020
 N°1 Morse taper = AT 5 Code 28010024
 B12 Taper DIN 238 = AT 15 Code 28010060
 ER16 Collet holder (1 ÷ 10 mm cap.) = AT 17 Code 28010064
 lead screw





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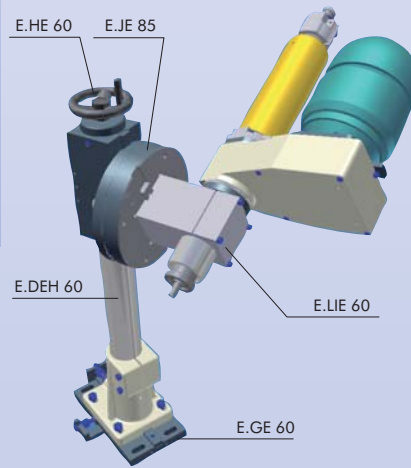
Tapping unit

BASIC UNIT

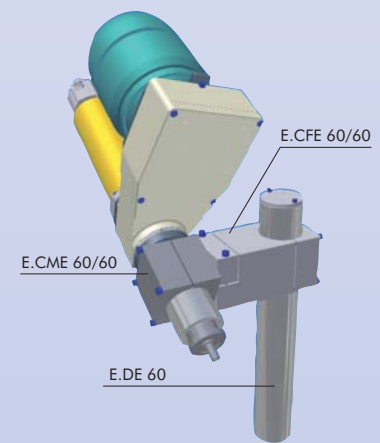
SPEED

TYPE	CODE	50Hz	60Hz
M.13.50	10201226 ▲	460	552
	10201228 ■	700	840
	10201230 ■	1050	1260
	10201232 ■	1600	1920
	10201234 ■	2400	2880
M.13.100	10201254 ▲	460	552
	10201256 ■	700	840
	10201258 ■	1050	1260
	10201260 ■	1600	1920
	10201262 ■	2400	2880
M.R13.50 gear reduced	10201224 ▲	150	180
	10201222 ■	230	276
M.R13.100 gear reduced	10201250 ▲	150	180
	10201252 ■	230	276

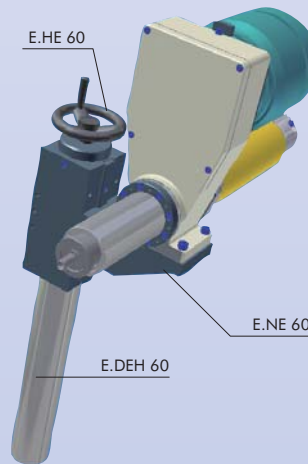
Unit positioning with angle setting and x-y strokes



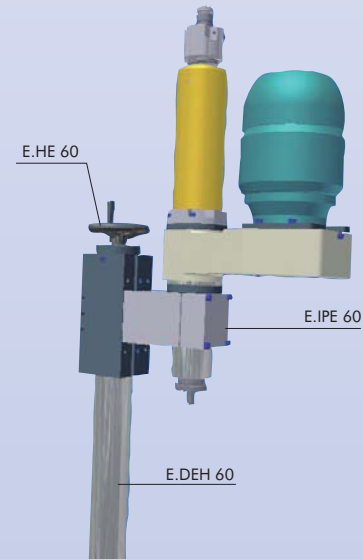
Unit positioning



Horizontal axis with vertical setting



Vertical axis with vertical setting



MOTOR

kW 0.50 4P 71 FRAME ■

kW 0.55 6P 80* FRAME ▲
* Reduced

P.N. For high cycles tapping operation (above 12/min) please contact Euroma

NECESSARY COMPONENT

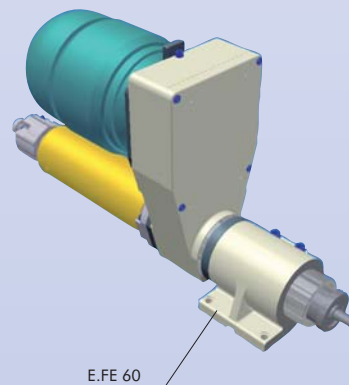
LED SCREW/NUT

TYPE

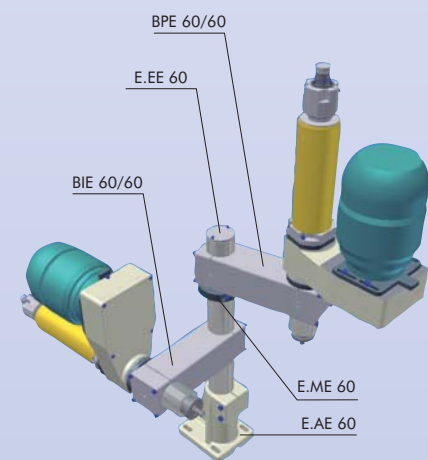


M.P610
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Collar mounting



Fixed vertical and horizontal installations





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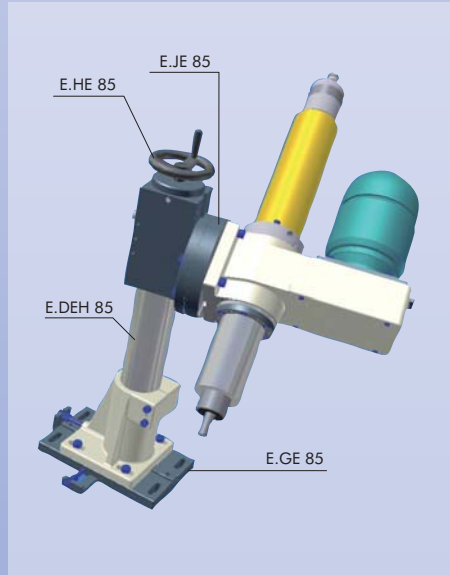
Tapping unit

BASIC UNIT

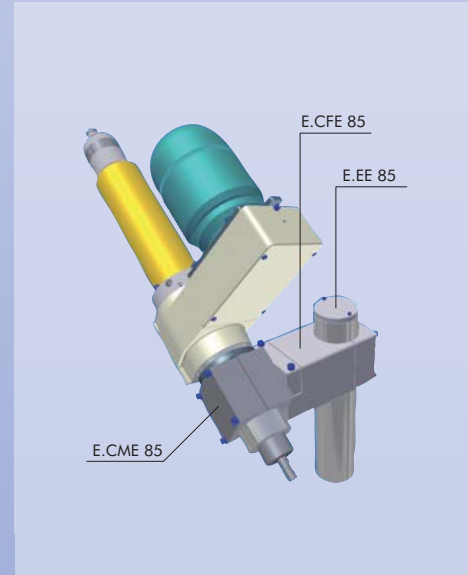
SPEED

TYPE	CODE		50Hz	60Hz
M.16.80	10201300	▲	320	384
	10201302	■	500	600
	10201304	■	1000	1200
	10201308	■	1400	1680
M.16.130	10201320	▲	320	384
	10201322	■	500	600
	10201324	■	1000	1200
	10201328	■	1400	1680
M.20.80	10201350	◆	300	360
		◆	500	600
		◆	750	900
M.20.130	10201360	◆	300	360
		◆	500	600
		◆	750	900
M.R20.80 gear reduced	10201352	◆	85	100
		◆	145	175
		◆	215	260
		◆	290	350
M.R20.130 gear reduced	10201362	◆	85	100
		◆	145	175
		◆	215	260
		◆	290	350

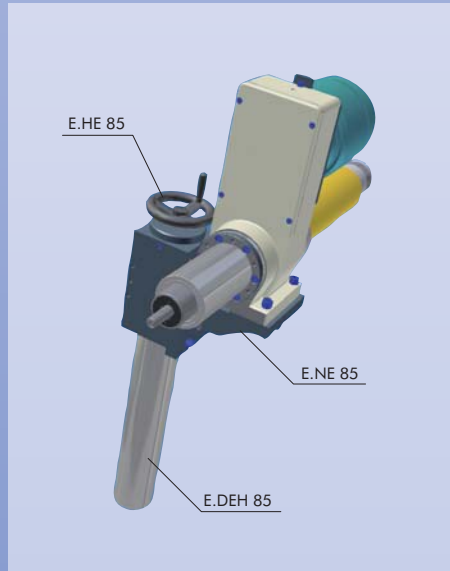
Unit positioning with angle setting and x-y strokes



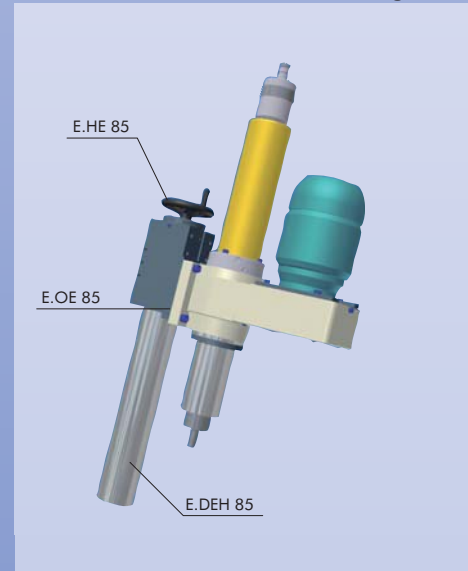
Unit positioning



Horizontal axis with vertical setting



Vertical axis with vertical setting




MOTOR

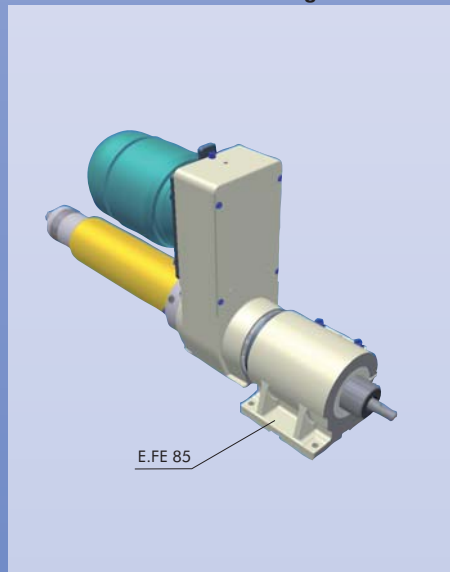
- kW 1.10 2P 80 FRAME ●
- kW 0.75 4P 80 FRAME ■
- kW 0.55 6P 80 FRAME ▲
- kW 1.10 6P 90 FRAME ◆

P.N. For high cycles tapping operation (above 12/min) please contact Euroma

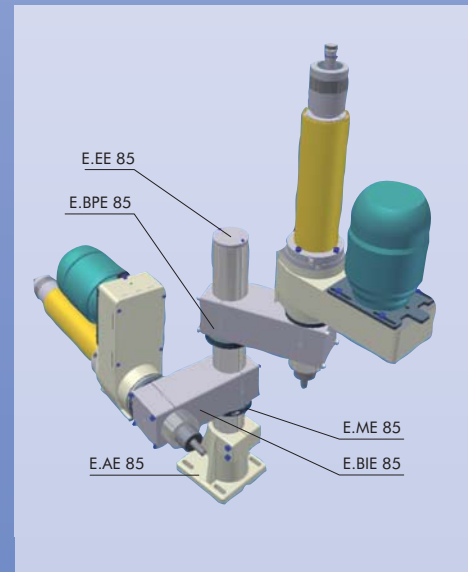
NECESSARY COMPONENT

LEAD SCREW/NUT	TYPE
	M.P1418 (page 89)

Collar mounting



Fixed vertical and horizontal installations





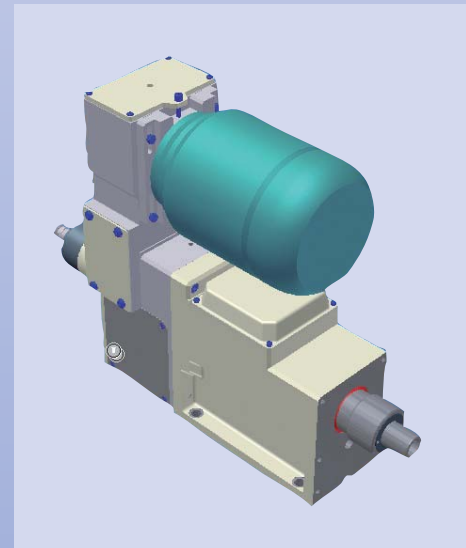
EUROMA®



Tapping unit

● **M.28.80-120 - M.38.80-120**

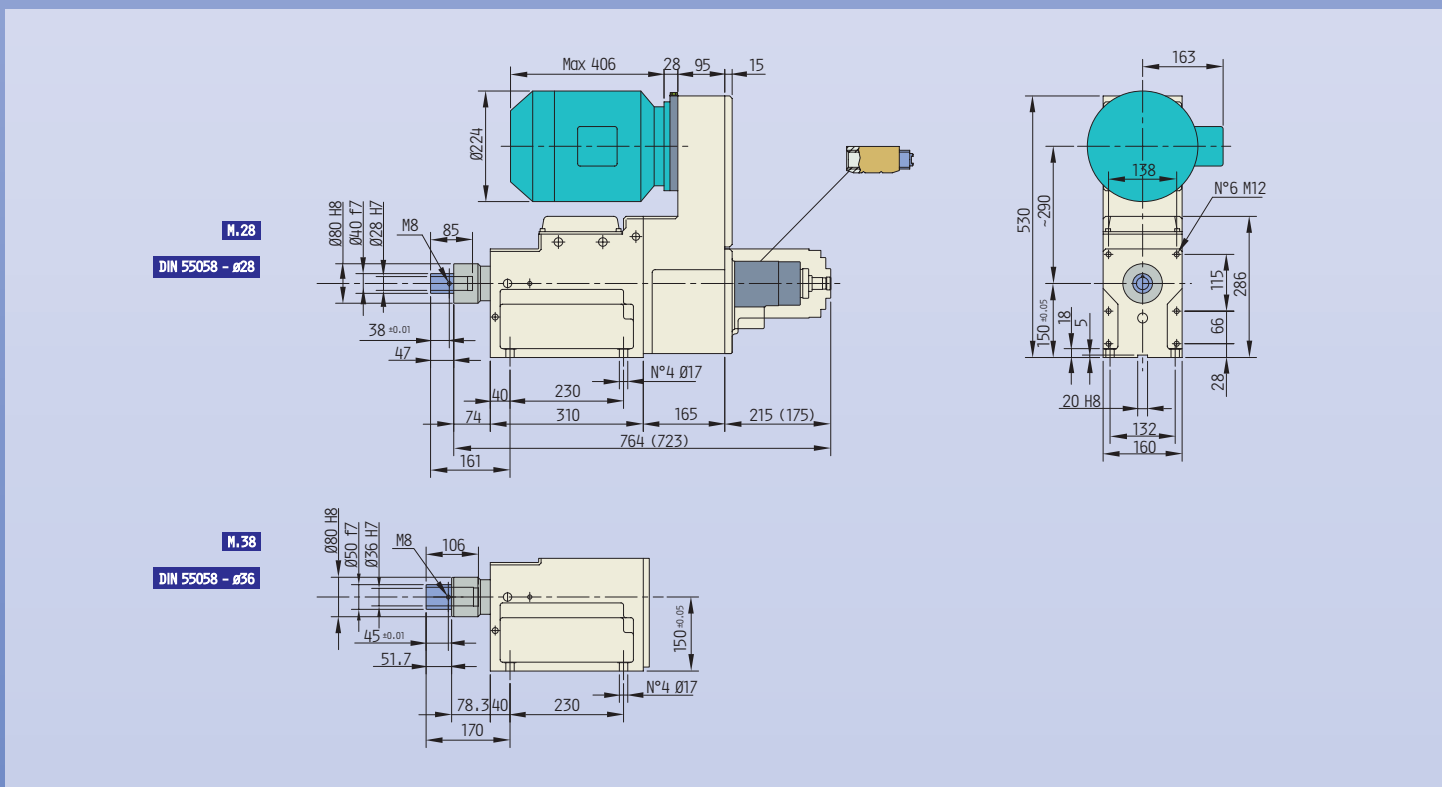
	Total stroke mm	Tapping capacity mm		Weight kgs	Standard colour RAL	Pneumatic ports	Electric ports	Run out mm T.I.R.	Lead screw
		Steel R=60	Aluminium R=40 Brass R=50						Hardened and ground In oil bath
M.28.80	80	M27	M39	88	7035		PG9	0.02	
M.28.120	120	M27	M39	98	7035	1/4"G	PG9	0.02	
M.38.80	80	M39	M45	95	7035		PG9	0.02	
M.38.120	120	M39	M45	105	7035	1/4"G	PG9	0.02	



- Electro-mechanical lead screw tapper M.28 - M.38
- Tapping stroke 80 o 120 mm
- Unit is complete with forward and rear micro switches.
- Brake motor is standard. It allows reversal and immediate stop of the spindle as micro switches are operated.
- In line lead screw enable tapping operation free of side loads on the quill.
- Adjustable safety device. It prevents breakage of the tap in a no hole situation.
- The unit drive features an internal 1:3 reduction gear stage.
- Model M.28/38.120 is fitted with an air operated fast approach device with following adjustable strokes:
Rapid approach 5÷80 mm - Tapping 0÷40 mm.
- Tool spindle
M.28: 28 mm dia. straight bore DIN 55058
M.38: 36 mm dia. straight bore DIN 55058

It is essential to order the basic unit complete with the following necessary components:
Lead screw

P.N. For high cycles tapping operations (above 12/min) please contact Euroma





EUROMA®



Tapping unit

BASIC UNIT

TYPE	CODE	SPEED	
		50Hz	60Hz
M.28.80.AT13.A	10202050	100	120
M.28.120.AT13.A	10202054	170	205
		240	290
		390	470
M.28.80.AT13.B	10202051	160	191
M.28.120.AT13.B	10202055	270	325
		370	445
		600	720

M.28 MOTOR

kW 2.2 6P 112 FRAME ▲
kW 3 4P 100 FRAME ■

M.38 MOTOR

kW 3 6P 112 FRAME ●
kW 4 4P 112 FRAME ◆

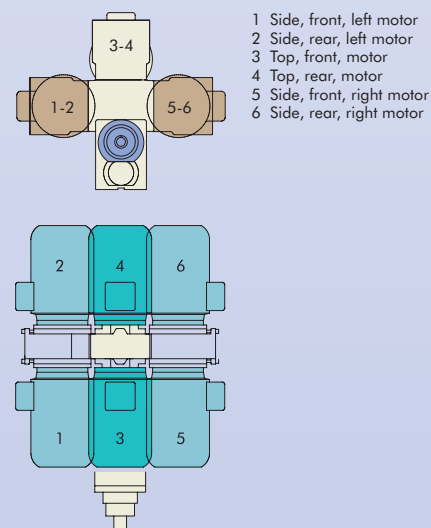
BASIC UNIT

TYPE	CODE	SPEED	
		50Hz	60Hz
M.38.80.100	10201500	● 100	120
M.38.80.150	10201502	● 150	180
M.38.80.200	10201504	● 200	240
M.38.80.300	10201506	● 300	360
M.38.80.460	10201508	◆ 460	550
M.38.80.590	10201510	◆ 590	700
M.38.120.100	10201512	● 100	120
M.38.120.150	10201514	● 150	180
M.38.120.200	10201516	● 200	240
M.38.120.300	10201518	● 300	360
M.38.120.460	10201520	◆ 460	550
M.38.120.590	10201522	◆ 590	700

NECESSARY COMPONENT

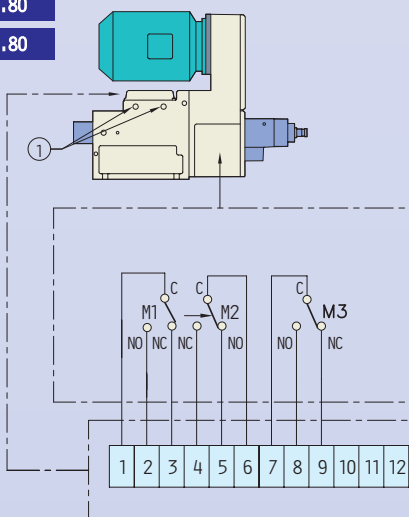
LEAD SCREW/NUT	TYPE
	M.P1418 (page 89)

MODULAR DRIVE CASE



WIRING DIAGRAM - ELECTRO-PNEUMATIC PORTS

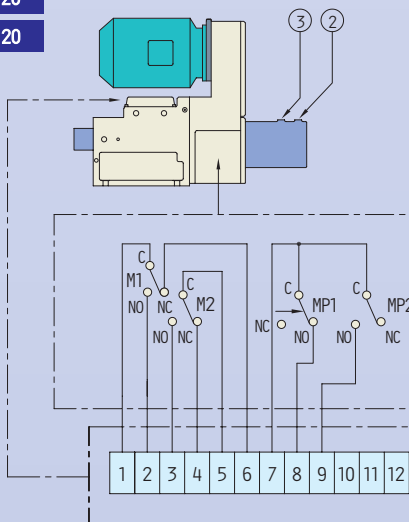
M.28.80
M.38.80



- 1 Electric cable inlet
- 2 Rapid advance air inlet 1/4" BSP (stroke 120)
- 3 Rapid return air inlet 1/4" BSP (stroke 120)

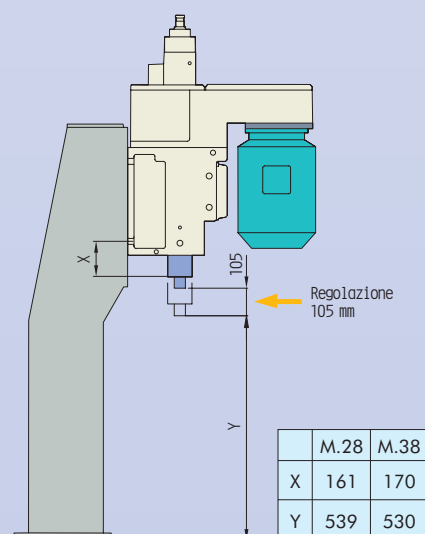
- M1 Forward end switch
- M2 Rear end switch
- M3 Safety micro-switch
- MF Brake motor

M.28.120
M.38.120



- M1 Forward end switch
- M2 Rear end switch
- MP1 Rapid return end switch
- MP2 Rapid advance end switch
- MF Brake motor

E.KE120 SUPPORT





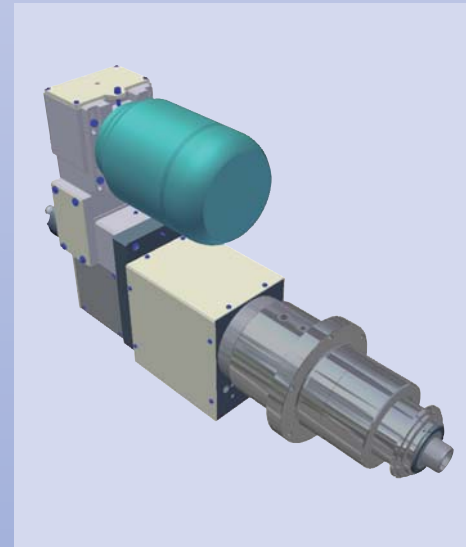
EUROMA®



Tapping unit

● M.42.80 - M.42.130

	Total stroke mm	Tapping capacity mm			Weight kgs	Standard colour RAL	Pneumatic ports	Electric ports	Run out mm T.I.R.	Lead screw
		Steel R=60	Aluminium R=40	Brass R=50						Hardened and ground In oil bath
M.42.80	80	M42	M45		140	7035		PG13.5	0.02	
M.42.130	130 (80+50)	M42	M45		140	7035	1/4"G	PG13.5	0.02	

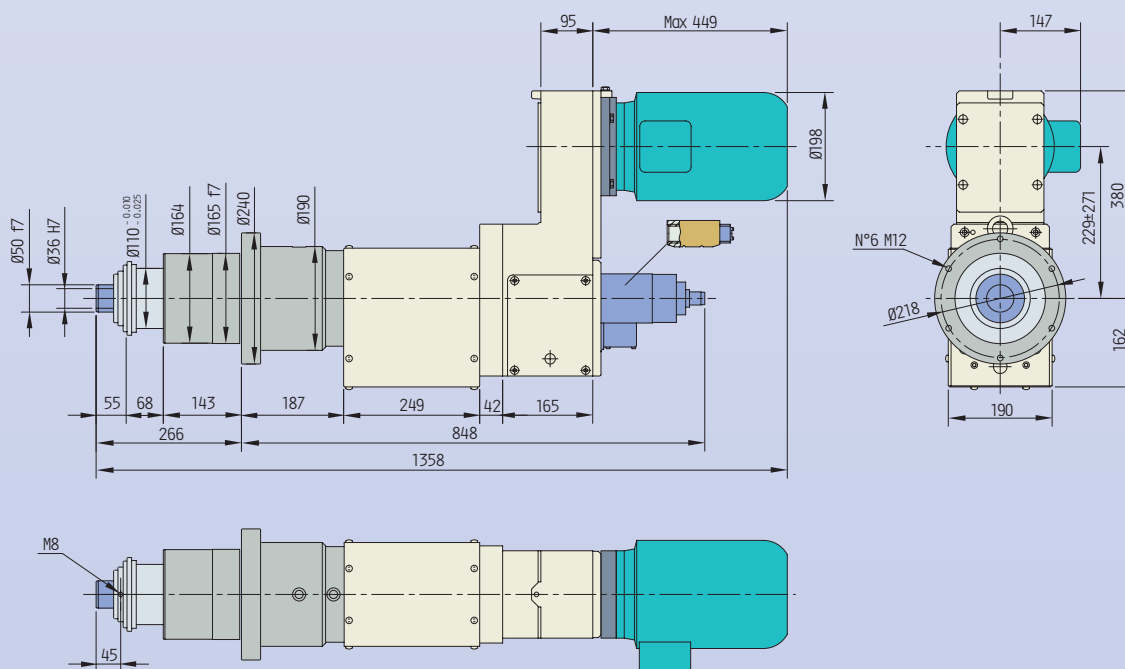


- Electro-mechanical lead screw tapper M.42
- Tapping stroke 80 o 130 mm
- Unit is complete with forward and rear micro switches.
- Brake motor is standard. It allows reversal and immediate stop of the spindle as micro switches are operated.
- In line lead screw enable tapping operation free of side loads on the quill.
- Adjustable safety device. It prevents breakage of the tap in a no hole situation.
- The unit drive features an internal 1:3 reduction gear stage.
- Model M.42.130 is fitted with an air operated fast approach device with following adjustable strokes:
Rapid approach 5÷80 mm - Tapping 0÷40 mm.
- Tool spindle
28 mm dia. straight bore DIN 28
36 mm dia. straight bore DIN 55058

It is essential to order the basic unit complete with the following necessary components:
lead screw

P.N. For high cycles tapping operations (above 20/min) please contact Euroma

M.42.80





EUROMA®



Tapping unit

BASIC UNIT		SPEED	
TYPE	CODE	50Hz	60Hz
M.42.80.100	10201400	● 100	120
M.42.80.150	10201401	● 150	180
M.42.80.200	10201402	● 200	240
M.42.80.300	10201403	● 300	360
M.42.80.460	10201404	◆ 460	550
M.42.80.590	10201405	◆ 590	700
M.42.130.100	10201410	● 100	120
M.42.130.150	10201411	● 150	180
M.42.130.200	10201412	● 200	240
M.42.130.300	10201413	● 300	360
M.42.130.460	10201414	◆ 460	550
M.42.130.590	10201415	◆ 590	700

NECESSARY COMPONENT

LEAD SCREW/NUT

TYPE

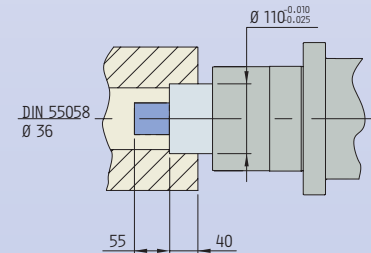


M.P1418
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MOTOR

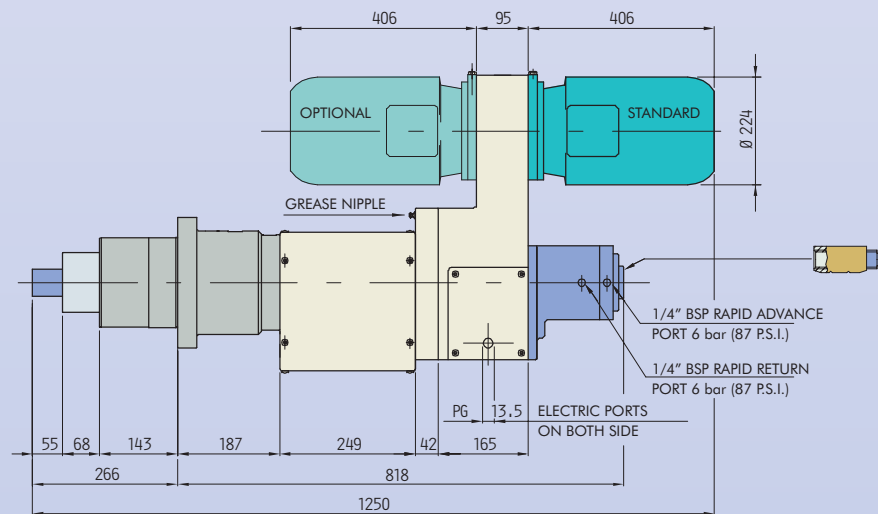
- kW 3 6P 112 FRAME ●
- kW 4 4P 112 FRAME ◆

MULTI-HEAD MOUNTING



M.42.130

M.42.130



ELECTRIC CONTROL POSITION

