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Air Tapping Machine

氣動攻牙機



CHUAN KING SANG MACHINERY CO., LTD.
HSIN GEELI HARDWARE ENTERPRISE CO., LTD.

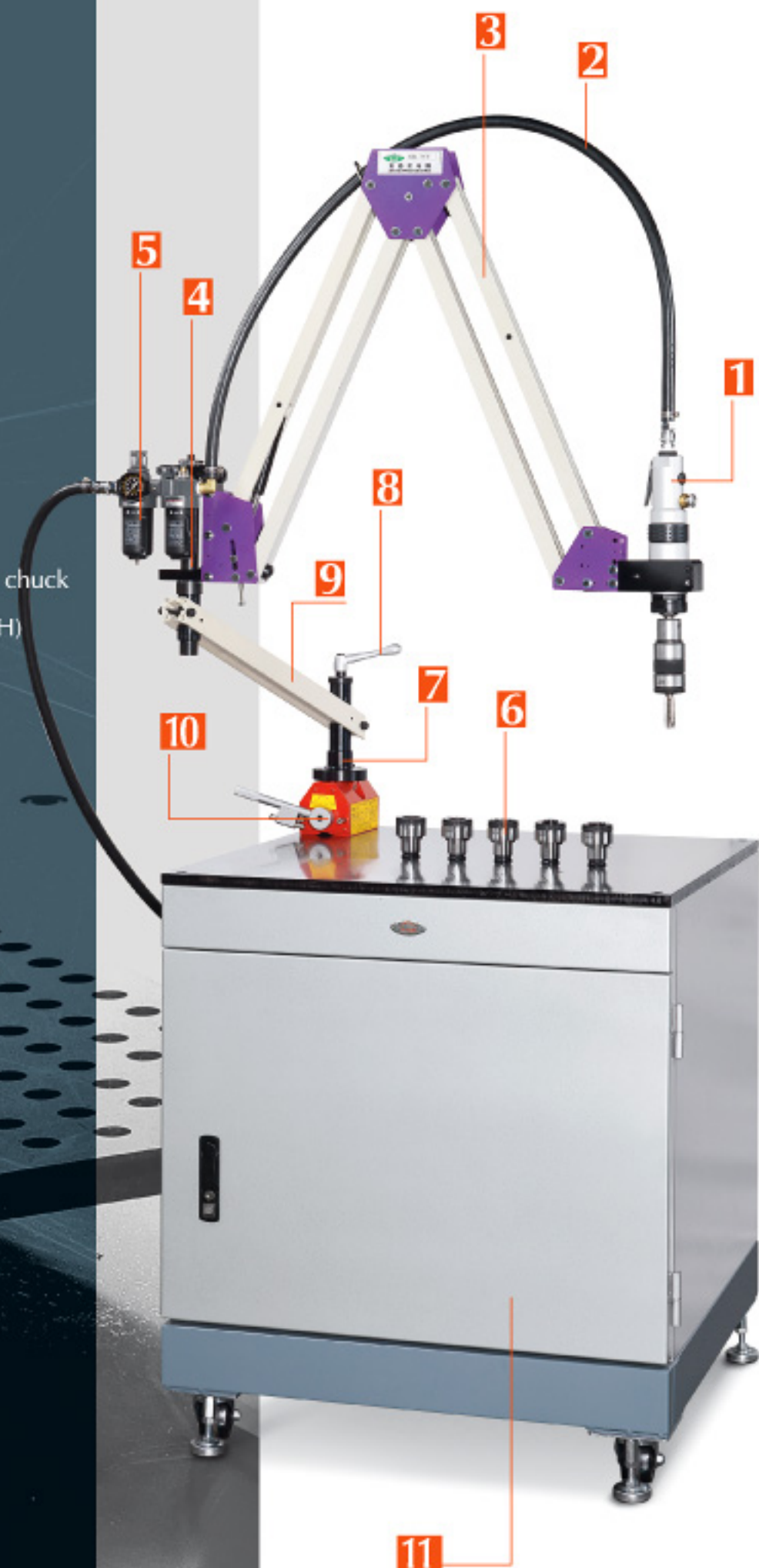
Each Parts For Air Tapping Machine

氣動攻牙機各部名稱

01

- 1** Air tapping spindle
- 2** High pressure pipe
- 3** Parallel arm
- 4** Link rod
- 5** Air unit
- 6** Tapping adapters
- 7** Table mounting column
- 8** Fixed wrench
- 9** Radial jib
- 10** Permanent lifting magnetic chuck
- 11** Work table and cart (LxWxH)
(800 x 800 x 900 mm)
Weight: 200 kg

- 1** 氣動攻牙機主軸
- 2** 高壓管
- 3** 伸長臂
- 4** 中軸組
- 5** 三點組合
- 6** 絲攻筒夾
- 7** 固定座
- 8** 搖臂固定板手
- 9** 搖臂
- 10** 移動強磁固定座
- 11** 活動工作台車 (長x寬x高)
(800 x 800 x 900 mm)
重量: 200 kg



Air Tapping Machine

氣動攻牙機系列

KS-708

KS-712

KS-716

KS-720

KS-724

STANDARD ACCESSORIES

- Air tapping spindle.
- Parallel arm.
- Table mounting column.
- Air unit.
- Choose any six safety clutch tapping adapters.
- Radial jib.

標準附件

- 氣動攻牙機主軸。
- 伸長臂。
- 固定座。
- 3點組合。
- 附扭力筒夾(任選6個)。
- 附搖臂。



MODEL	型 式	KS-708	KS-712	KS-716	KS-720	KS-724
Tapping capacity	攻牙能力	M3-M8 (1/8"-5/16")	M5-M12 (1/4"-1/2")	M8-M16 (5/16"-5/8")	M10-M20 (3/8"-3/4")	M14-M24 (9/16"-1")
Safety clutch tapping adapter	扭力絲攻筒夾	TC-312	TC-312	TC-820	TC-820	TC-820
Speed (RPM)	主軸轉速	700 R.P.M.	400 R.P.M.	250 R.P.M.	200 R.P.M.	100 R.P.M.
Air compressor	空壓機馬力	5 HP	5 HP	10 HP	10 HP	10 HP
Work range (Rmax)	工作範圍(最大)	700 mm	700 mm	700 mm	700 mm	700 mm
Packing dimensions	包裝尺寸 (cm)	63 x 37 x 13.3	63 x 37 x 13.3	64 x 53 x 13.3	64 x 53 x 13.3	64 x 53 x 13.3
Gross weight	毛重	15.5 kgs	15.5 kgs	21.8 kgs	21.85 kgs	22 kgs

Air Tapping Machine

氣動攻牙機系列

KS-1408

KS-1412

KS-1416

KS-1420

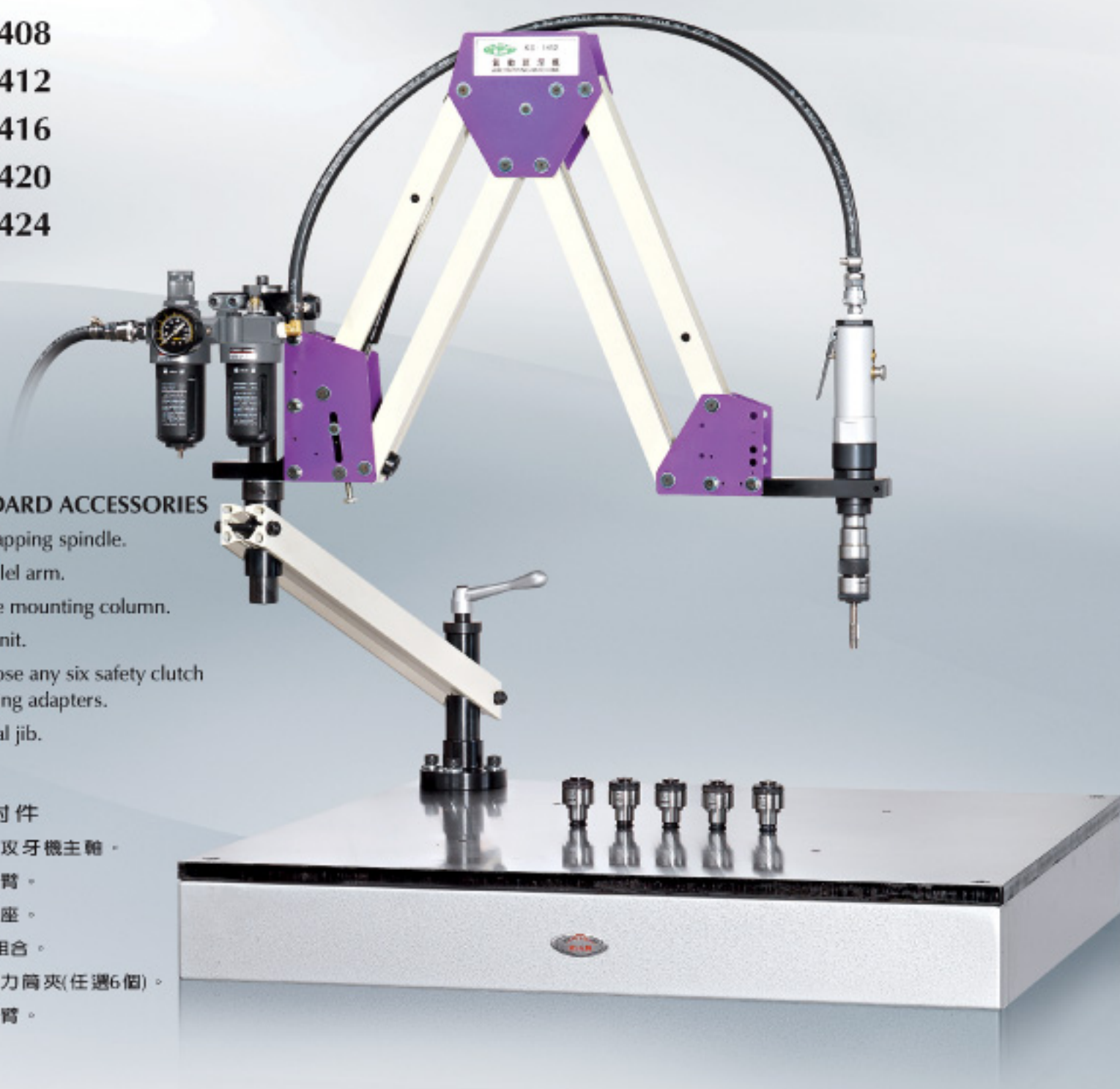
KS-1424

STANDARD ACCESSORIES

- Air tapping spindle.
- Parallel arm.
- Table mounting column.
- Air unit.
- Choose any six safety clutch tapping adapters.
- Radial jib.

標準附件

- 氣動攻牙機主軸。
- 伸長臂。
- 固定座。
- 3點組合。
- 附扭力筒夾(任選6個)。
- 附搖臂。



MODEL	型 式	KS-1408	KS-1412	KS-1416	KS-1420	KS-1424
Tapping capacity	攻牙能力	M3-M8 (1/8"-5/16")	M5-M12 (1/4"-1/2")	M8-M16 (5/16"-5/8")	M10-M20 (3/8"-3/4")	M14-M24 (9/16"-1")
Safety clutch tapping adapter	扭力絲攻筒夾	TC-312	TC-312	TC-820	TC-820	TC-820
Speed (RPM)	主軸轉速	700 R.P.M.	400 R.P.M.	250 R.P.M.	200 R.P.M.	100 R.P.M.
Air compressor	空壓機馬力	5 HP	5 HP	10 HP	10 HP	10 HP
Work range	(Min)	(最小)	200 mm	200 mm	200 mm	200 mm
	(Rmax)	(最大)	1400 mm	1400 mm	1400 mm	1400 mm
Packing dimensions	包裝尺寸 (cm)	64 x 53 x 13.3	64 x 53 x 13.3	89 x 48 x 13.3	89 x 48 x 13.3	89 x 48 x 13.3
Gross weight	毛重	20.6 kgs	20.6 kgs	26.6 kgs	26.6 kgs	26.8 kgs

Air Tapping Machine

氣動攻牙機系列

KS-1608

KS-1612

KS-1616

KS-1620

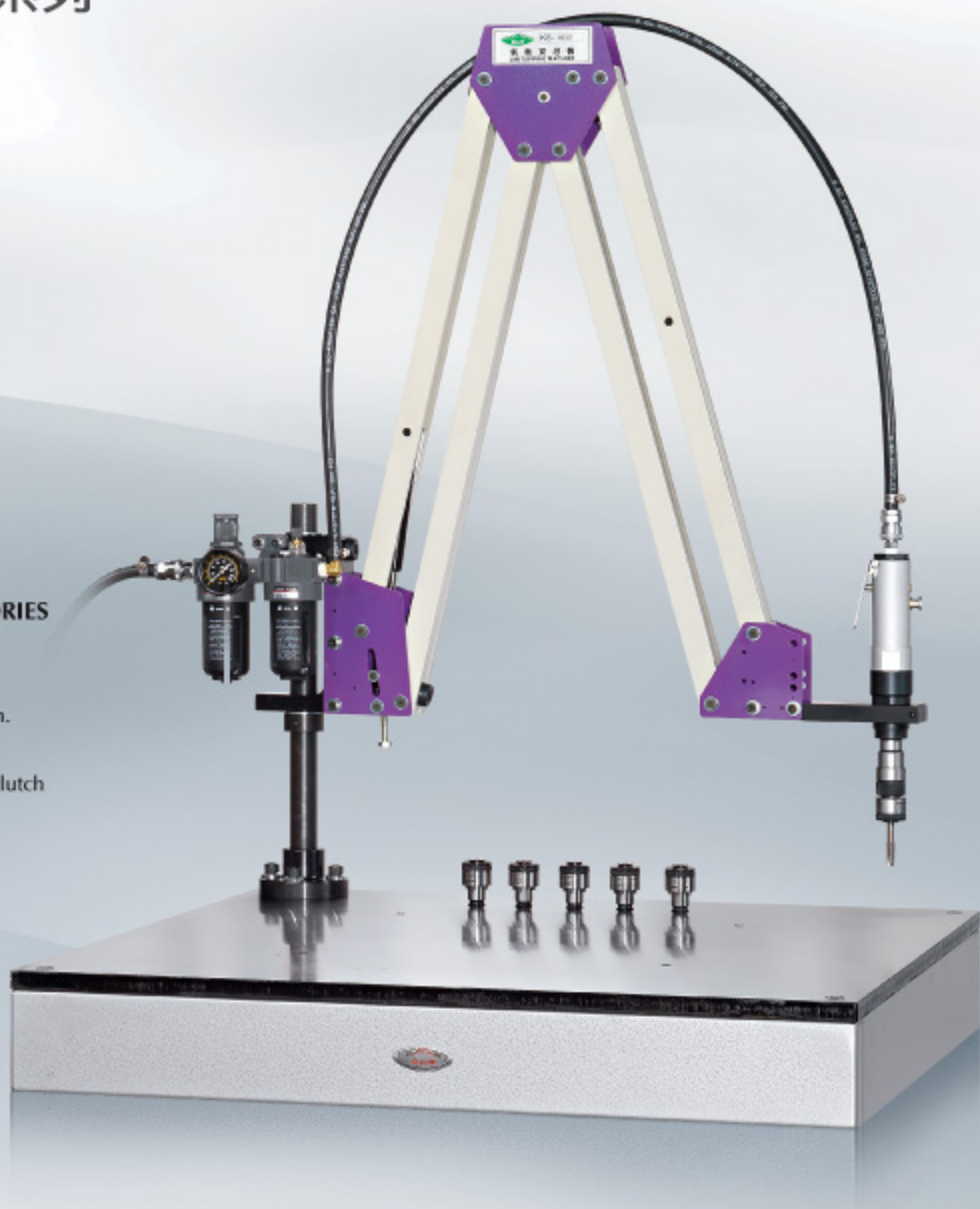
KS-1624

STANDARD ACCESSORIES

- Air tapping spindle.
- Parallel arm.
- Table mounting column.
- Air unit.
- Choose any six safety clutch tapping adapters.

標準附件

- 氣動攻牙機主軸。
- 伸長臂。
- 固定座。
- 3點組合。
- 附扭力筒夾(任選6個)。



MODEL	型 式	KS-1608	KS-1612	KS-1616	KS-1620	KS-1624
Tapping capacity	攻牙能力	M3-M8 (1/8"-5/16")	M5-M12 (1/4"-1/2")	M8-M16 (5/16"-5/8")	M10-M20 (3/8"-3/4")	M14-M24 (9/16"-1")
Safety clutch tapping adapter	扭力絲攻筒夾	TC-312	TC-312	TC-820	TC-820	TC-820
Speed (RPM)	主軸轉速	700 R.P.M.	400 R.P.M.	250 R.P.M.	200 R.P.M.	100 R.P.M.
Air compressor	空壓機馬力	5 HP	5 HP	10 HP	10 HP	10 HP
Work range	(Min)	(最小)	500 mm	500 mm	500 mm	500 mm
	(Rmax)	(最大)	1600 mm	1600 mm	1600 mm	1600 mm
Packing dimensions	包裝尺寸 (cm)	89 x 48 x 13.3	89 x 48 x 13.3	89 x 48 x 13.3	89 x 48 x 13.3	89 x 48 x 13.3
Gross weight	毛重	19.5 kgs	19.5 kgs	25.4 kgs	25.4 kgs	25.6 kgs

Air Tapping Machine

氣動攻牙機系列

KS-1908

KS-1912

KS-1916

KS-1920

KS-1922

05

STANDARD ACCESSORIES

- Air tapping spindle.
- Parallel arm.
- Table mounting column.
- Air unit.
- Choose any six safety clutch tapping adapters.
- Radial jib.

標準附件

- 氣動攻牙機主軸。
- 伸長臂。
- 固定座。
- 3點組合。
- 附扭力筒夾(任選6個)。
- 附搖臂。



MODEL	型 式	KS-1908	KS-1912	KS-1916	KS-1920	KS-1922
Tapping capacity	攻牙能力	M3-M8 (1/8"-5/16")	M5-M12 (1/4"-1/2")	M8-M16 (5/16"-5/8")	M10-M20 (3/8"-3/4")	M12-M22 (1/2"-7/8")
Safety clutch tapping adapter	扭力絲攻筒夾	TC-312	TC-312	TC-820	TC-820	TC-820
Speed (RPM)	主軸轉速	700 R.P.M.	400 R.P.M.	250 R.P.M.	200 R.P.M.	200 R.P.M.
Air compressor	空壓機馬力	5 HP	5 HP	10 HP	10 HP	10 HP
Work range	(Min)	200 mm	200 mm	200 mm	200 mm	200 mm
	(Rmax)	1900 mm	1900 mm	1900 mm	1900 mm	1900 mm
Packing dimensions	包裝尺寸 (cm)	89 x 48 x 13.3	89 x 48 x 13.3	89 x 48 x 13.3	89 x 48 x 13.3	89 x 48 x 13.3
Gross weight	毛重	22.3 kgs	22.3 kgs	28.2 kgs	28.3 kgs	28.3 kgs

Air Tapping Spindle

氣動攻牙機主軸系列

KS-M08

KS-M12

KS-M16

KS-M20

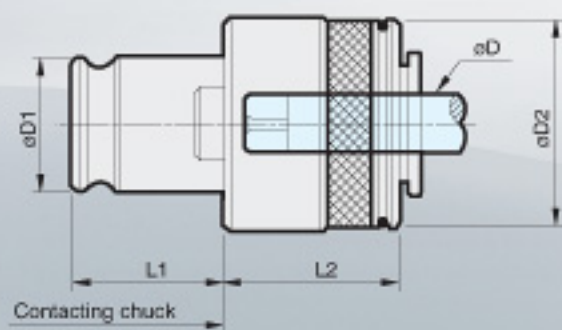
KS-M22

KS-M24

MODEL	型 式	KS-M08	KS-M12	KS-M16	KS-M20	KS-M22	KS-M24
Tapping capacity	攻牙能力	M3-M8 (1/8"-5/16")	M5-M12 (1/4"-1/2")	M8-M16 (5/16"-5/8")	M10-M20 (3/8"-3/4")	M12-M22 (1/2"-7/8")	M14-M24 (9/16"-1")
Air pressure	空氣壓力	6.3 Kg/cm ²	6.3 Kg/cm ²	6.3 Kg/cm ²	6.3 Kg/cm ²	6.3 Kg/cm ²	6.3 Kg/cm ²
Speed	轉速	700 R.P.M.	400 R.P.M.	250 R.P.M.	200 R.P.M.	200 R.P.M.	100 R.P.M.
Wight	重量	1.57 kg	1.55 kg	4.1 kg	4.15 kg	4.15 kg	4.3 kg

Tapping Adapters (With overload clutch)

扭力絲攻筒夾 (扭力裝置型)



TC-312

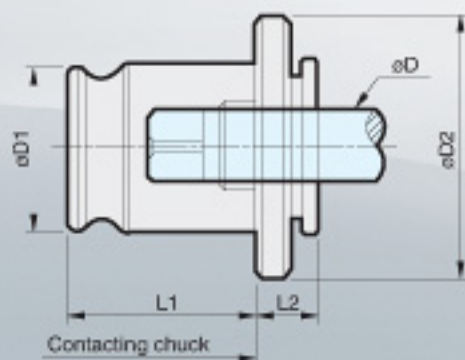


TC-820

MODEL	型 式	TC-312	TC-820
Tapping capacity	攻牙能力	M3-M12 (1/8"-1/2")	M8-M20 (5/16"-3/4")
ØD1		19.0	31.0
ØD2		32.0	50.0
L1		21.5	35.0
L2		25.0	34.0

Tapping Adapters (Rigid type)

絲攻筒夾 (剛性)



TC-312 B



TC-820 B

MODEL	型 式	TC-312B	TC-820B
Tapping capacity	攻牙能力	M3-M12 (1/8"-1/2")	M8-M20 (5/16"-3/4")
ØD1		19.0	31.0
ØD2		30.0	48.0
L1		21.5	35.0
L2		7.0	11.0

Tap Shank Dimensions

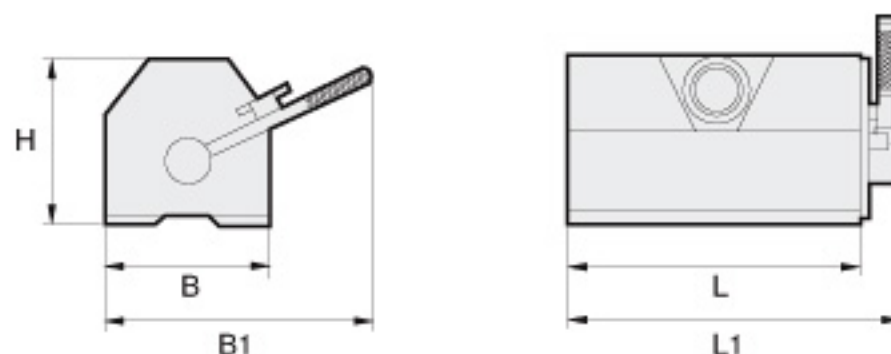
絲攻柄徑四角尺寸表



JIS				ISO				DIN				INCH				ANSI (USA)			
Metric	UNC	Dimension		Metric		Dimension		Metric	DIN	DIN		Much. Screw Size No.	Nominal Fractional Diameter Inches	Dimensions		Shank Ø	Square		
		Dia. Ø	Square □			Dia. Ø	Square □												
M2		3	2.5	M3		2.24	1.8	M1	M1			0	1/16	0.141	0.110				
M3		4	3.2	M3.5	M2	2.5	2.0	M1.1	M1.1			1		0.141	0.110				
M4	M4.5	5	4		M2.2	2.8	2.24	M1.2	M1.2			2		0.141	0.110				
M5	M5.5	5.5	4.5		M2.5	2.8	2.24	M1.4	M1.4			3	3/32	0.141	0.110				
M6	W 1/4	6	4.5	M4	M3	3.15	2.5	M1.6	M1.6			4		0.141	0.110				
	W 5/16	6.1	5	M4.5	M3.5	3.55	2.8	M1.8	M1.8			5	1/8	0.141	0.110				
M8	M7	6.2	5	M5	M4	4	3.15	M2	M2			6		0.141	0.110				
M10	M9	W 3/8	7	5.5	M6		4.5	3.55	M2.2	M2.2		8	5/32	0.168	0.131				
M11	W 7/16	8	6		M5	5	4	M2.5	M2.5			10	3/16	0.194	0.152				
M12		8.5	6.5	M8	M6	6.3	5	M3	M3			12		0.220	0.165				
	W 1/2	9	7	M10	M8	8	6.3	M3.5	M3.5			14	1/4	0.255	0.191				
M14	M15	W 9/16	10.5	8	M12		9	7.1	M4	M4			5/16	0.318	0.238				
	W 5/8	12	9		M10	10	8	M5	M5				3/8	0.381	0.286				
M16		12.5	10	M14		11.2	9	M6	M6				7/16	0.323	0.242				
M17		13	10	M16		12.5	10	M8					1/2	0.367	0.275				
M18	W 3/4	14	11	M18		14	11.2	M10					9/16	0.429	0.322				
M20		15	12	M20		14	11.2		M8				5/8	0.480	0.360				
M22	W 7/8	17	13	M22		16	12.5	M12					11/16	0.542	0.406				
M24	M25	19	15	M24		18	14		M10				3/4	0.590	0.442				
M26	M27	W 1	20	15	M27		20	16	M14				13/16	0.652	0.489				
M28		21	17	M30		20	16	M16					7/8	0.697	0.523				
	W 1-1/8	22	17	M33		22.4	18	M18					15/16	0.760	0.570				
M30		23	17	M36		25	20	M20					1	0.800	0.600				
M32	W 1-1/4	24	19	M39		28	22.4	M22					11/16	0.895	0.672				
M33		25	19	M42		28	22.4	M24					11/8	0.896	0.672				
M34	M35	W 1-3/8	26	21	M45		31.5	25	M27				13/16	1.021	0.766				
M36	M38		28	21	M48		31.5	25	M30				11/4	1.021	0.766				
M39	M40	W 1-1/2	30	23	M52		35.5	28	M33				15/16	1.108	0.831				
M42	W 1-5/8	32	26	M56		35.5	28	M36					13/8	1.108	0.831				
M45	W 1-3/4	35	26	M60		40	31.5	M39					17/16	1.233	0.925				
M48	W 1-7/8	38	29	M64		40	31.5	M42					11/2	1.233	0.925				
								M45					15/8	1.305	0.979				
								M48					13/4	1.430	1.072				
								M52					17/8	1.519	1.139				
								M56					2	1.644	1.233				
								M60					1/16 NPT	0.3125	0.234				
													1/8 NPT	0.4375	0.328				
													1/4 NPT	0.5625	0.421				
													3/8 NPT	0.700	0.531				
													1/2 NPT	0.6875	0.515				
													3/4 NPT	0.9063	0.679				
													1" NPT	1.125	0.843				
													1 1/4 NPT	1.3125	0.984				
													1 1/2 NPT	1.500	1.125				

Permanent Lifting Magnetic Chuck (Optional)

移動式強磁固定座（選購）



MODEL 型 式	Magnetic base 磁性座		Model for machine			Chucking face		Dimensions		
	Capacity	Packing dimensions (cm)	適合機型			吸著面		外部面積尺寸 (mm)		
	吊重能力	包裝尺寸 (L x W x H)				B	L	H	B1	L1
GPL-300	300 kg	22 x 13 x 16	KS-708	KS-712		93	165	96	210	185
			KS-1408	KS-1412						
			KS-1608	KS-1612						
			KS-1908	KS-1912						
GPL-600	600 kg	30 x 16 x 16	KS-716	KS-720	KS-724	122	236	120	303	265
			KS-1416	KS-1420	KS-1424					
			KS-1616	KS-1620	KS-1624					
			KS-1916	KS-1920	KS-1922					

MODEL 型 式	Steel plate 鐵板		Not hollow round steel 實心圓鐵			Safety coefficient	Weight
	Max. lifting capacity	Min. thickness required	Max. lifting capacity	Max. diameter	Max. length		
	吊重能力	最小厚度需求	吊重能力	最大直徑	最大長度		
GPL-300	300 kg	25 mm	135 kg	250 mm	1500 mm	x 3.5	8 kg
GPL-600	600 kg	30 mm	270 kg	350 mm	2000 mm	x 3.5	22 kg

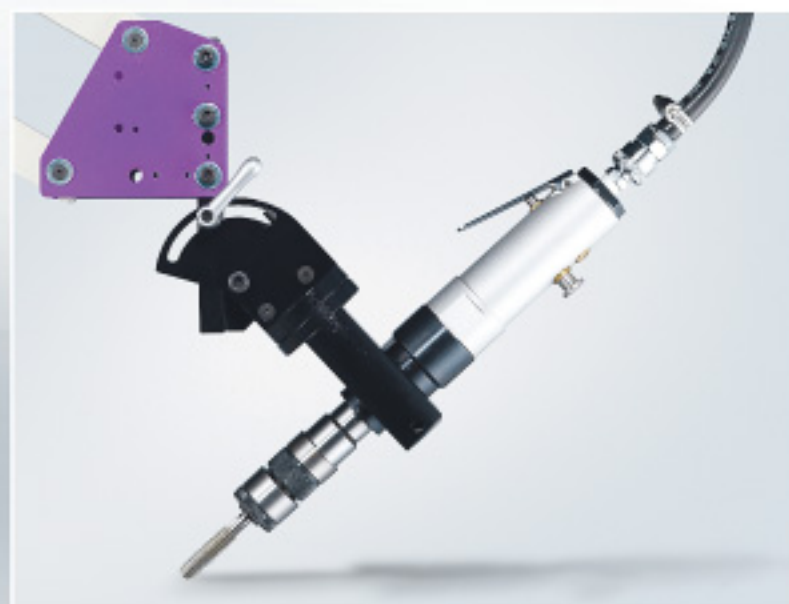
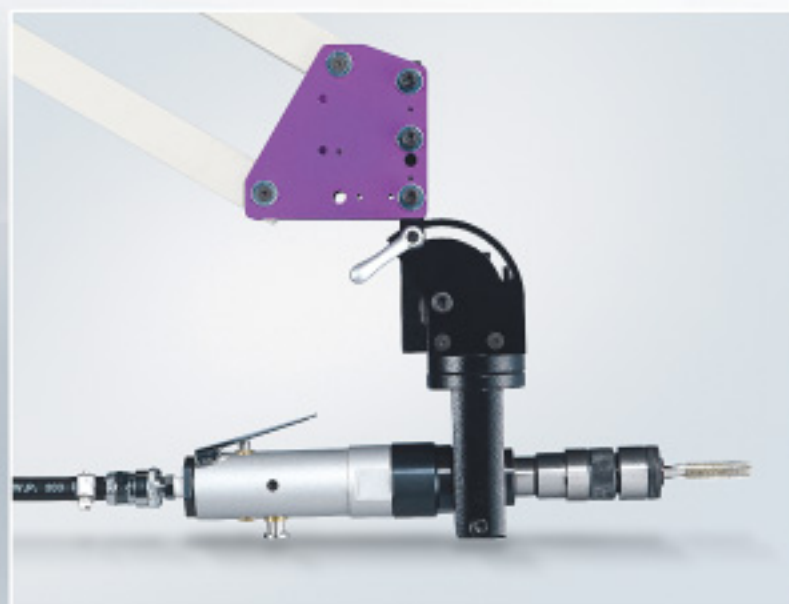


GPL-300

GPL-600

90° And Various Degree Tapping Device (Optional)

90度或任意角度攻牙機 (選購)

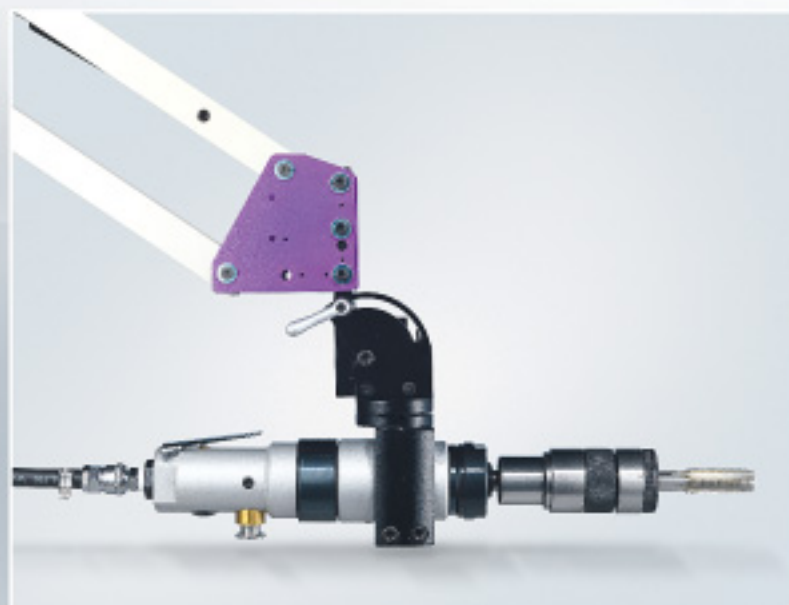


MODEL **型 式** **KS-S90°**

Weight 重量 1.1 kg

Suitable for: KS-M08, KS-M12

適用主軸型式：KS-M08, KS-M12



MODEL **型 式** **KS-L90°**

Weight 重量 1.5 kg

Suitable for: KS-M16, KS-M20, KS-M22, KS-M24

適用主軸型式：KS-M16, KS-M20, KS-M22, KS-M24



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