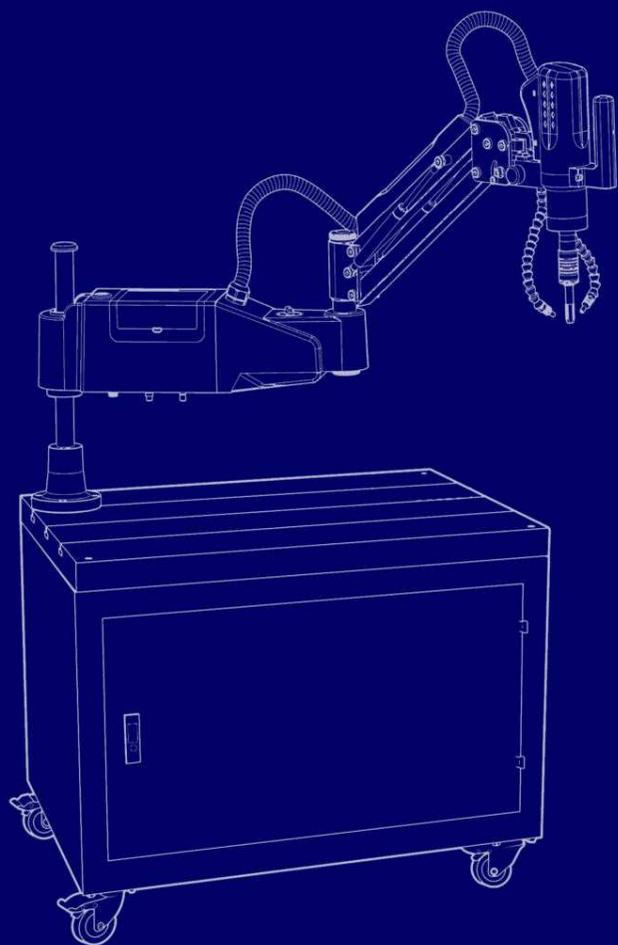


C2H EMO

EXPERT IN PNEUMATIC & ELECTRIC TAPPING MACHINES

Chamfering Machines
Drill Bit & Milling Cutter Grinders
Tool Carts, Bench Vises
Milling Cutters and Related Accessories



C2H EMO

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C ONTENTS



COMPANY PROFILE



With over 20 years' experience in supply and manufacturing metalwork machines, Bengbu Sanford Machinery Co., Ltd offers comprehensive product range in the machinery industry, including electric & pneumatic tapping machine, chamfer machine, drill bit and end mill grinder, bench vise, tool cart, end mill and relevant accessories.

Following Sanford's mission, "making your metalwork easier and safer", we have constantly devoted ourselves to adopting new technology, new processing technic, new equipment and new materials to improve products' quality and performance, reach the target to reduce processing time, improve work efficiency and save human resources.

Having been in machinery industry for more than 20 years, we have served bulk customers in global countries & got lots of positive feedbacks, hundreds of customers have been satisfied with our professional "metalwork machinery solutions". By gaining high reputation in machinery field and to enhance the close partnership with customers, Sanford has developed distributors and even exclusive distributors in the world.

Nowadays, our machinery products are not only sold in domestic market, but also exported to overseas countries, especially Europe, Middle East, South East Asia, Asia, South America, and the Pacific region.

Should you have any questions at all, we encourage you to contact us for further clarification and technical assistance.

OUR CERTIFICATE



TAPPING MACHINE

P01-P08

DRILL BIT AND MILLING CUTTER GRINDER

P09-P15

AUTOMATIC DRILL BIT & MILLING CUTTER CNC SHARPENER

P16-P17

PORTABLE CHAMFERING MACHINE

P18-P20

AUTOMATIC CHAMFERING MACHINE

P21-P24

HIGH PRECISION BENCH VISE

P25-P31

CNC TOOL HOLDER CART

P32-P40

MILLING CUTTER

P41-P47

ACCESSORIES

P48-P54

SF-900-12

Pneumatic Tapping Machine



SF-900-12

SF-900-24



3-Arm Model

■ Features

- With small air pressure and volume (0.6-0.8mpa), the machine driven by compressed air can produce large torque output.
- Applicable for various machinery manufacturing industries and various materials including copper, iron, aluminum, steel, stainless steel, plastic, wood, and other materials.
- With high strength aluminum alloy construction, strong hardness, high efficiency, stable performance and simplified operation.
- Overload protection feature with adjustable safety clutch to avoid tap broken.

■ Specifications

Model	SF-900-12	SF-900-16	SF-900-24
Tapping Capacity	M3-M12	M3-M16	M6-M24
Air Pressure	0.6-0.8mpa	0.6-0.8mpa	0.6-0.8mpa
No-load Speed	400rpm	250rpm	90rpm/250rpm
Max. Work Radius	1000mm(3-Arm: 1500mm)	1000mm(3-Arm: 1500mm)	1200mm(3-Arm: 1700mm)
Tapping Direction	Universal Direction	Universal Direction	Universal Direction
Package Size	680*280*250mm	680*280*250mm	810*760*240mm
Gross Weight	20kg/3-Arm: 25kg	20kg/3-Arm: 25kg	40kg/3-Arm: 50kg
Standard Collet	GT12, M3-M12	GT12, M3-M16	GT24, M6-M24
Optional Collet	DIN371/376, ISO, JIS or other standard collets optional		

SF-1000-16

Electric Tapping Machine



SF-1000-16



SF-1200-36



3-Arm Model

■ Features

- Servo drive controller with intelligent torque production and high definition touch screen makes it easy to operate, while its compact and durable design ensures long-lasting performance.
- HD Touch Screen makes the operation much more convenient and flexible, can from work vertical and universal direction to complicated and cumbersome work, positioning rapidly and process accurately.
- Manual, automatic and deep hole modes for increased flexibility and convenience to allow the user to select the most appropriate method for the task.
- Adjustment of thread size, speed, pitch and cutting depth via touch screen on swivel arm.
- Offers variable speed settings to accommodate different materials (steel, aluminum, plastic, etc.) and tap sizes.

■ Specifications

Model	SF-1000-10	SF-1000-12	SF-1000-16	SF-1200-24	SF-1200-30	SF-1200-36
Power	230V/110V AC, 50HZ, 600W			230V/110V AC, 50HZ, 1200W		
Tapping Capacity	M3-M10	M3-M12	M3-M16	M6-M24	M6-M30	M6-M36
Highest Speed	1000rpm	625rpm	312rpm	200rpm	200rpm	156rpm
Max. Work Radius	1100mm (3-Arm: 1500mm)			1200mm (3-Arm: 1700mm)		
Vertical Extension	550mm			600mm		
Tapping Direction	Universal Direction			Universal Direction		
Package Size	700*610*230mm			810*760*250mm		
Gross Weight	30kg/3-Arm: 38kg	30kg/3-Arm: 38kg	30kg/3-Arm: 38kg	48kg/3-Arm: 60kg	50kg/3-Arm: 62kg	50kg/3-Arm: 62kg
Standard Collet	GT12, M3-M10	GT12, M3-M12	GT12, M3-M16	GT24, M6-M24	GT24, M6-M30	GT24, M6-M36
Optional Collet	DIN371/376, ISO, JIS or other standard collets optional					

SFN-1200-36T

Electric Tapping Machine

B



3-Arm Model

Features

- With imported PLC components including modules, chips and capacitors, new design of the machine makes it perform better on oil and dust proof.
- With high strength aluminum alloy construction and strong hardness, the machine works more stable and durable.
- Two-button operation to satisfy advance and retreat mode, down key advances, up key retreats; Touch screen with plastic cover to be protected from being damaged.
- It is easier to operate with the touch screen display interface becoming conciser and more multi-functional, such as the "Actual Depth" on the screen can monitor the real-time tapping depth automatically, and the "Pre-set Parameter Select Storage" can help users save time by reserving working parameters.

Specifications

Model	SFN-1000-10T	SFN-1000-12T	SFN-1000-16T	SFN-1200-24T	SFN-1200-30T	SFN-1200-36T
Power	230V/110V AC, 50HZ, 600W			230V/110V AC, 50HZ, 1200W		
Tapping Capacity	M3-M10	M3-M12	M3-M16	M6-M24	M6-M30	M6-M36
Highest Speed	1000rpm	625rpm	312rpm	200rpm	200rpm	156rpm
Max. Work Radius	1100mm (3-Arm: 1500mm)			1200mm (3-Arm: 1700mm)		
Vertical Extension	550mm			600mm		
Tapping Direction	Universal Direction			Universal Direction		
Package Size	700*610*230mm			810*760*250mm		
Gross Weight	30kg/3-Arm: 38kg	30kg/3-Arm: 38kg	30kg/3-Arm: 38kg	48kg/3-Arm: 60kg	50kg/3-Arm: 62kg	50kg/3-Arm: 62kg
Standard Collet	GT12, M3-M10	GT12, M3-M12	GT12, M3-M16	GT24, M6-M24	GT24, M6-M30	GT24, M6-M36
Optional Collet	DIN371/376, ISO, JIS or other standard collets optional					

SFN-1300-48D

Electric Tapping Machine

B



Features

- Servo drive controller with intelligent torque production and high definition touch screen makes it easy to operate, while its compact and durable design ensures long-lasting performance.
- HD Touch Screen makes the operation much more convenient and flexible, can from work vertical and universal direction to complicated and cumbersome work, positioning rapidly and process accurately.
- Manual, automatic and deep hole modes for increased flexibility and convenience to allow the user to select the most appropriate method for the task.
- Adjustment of thread size, speed, pitch and cutting depth via touch screen on swivel arm.
- Offers variable speed settings to accommodate different materials (steel, aluminum, plastic, etc.) and tap sizes.

Specifications

Model	SFN-1300-48S	SFN-1300-48D
Power	230V /110V, 50HZ, 1200W	230V /110V, 50HZ, 1200W
Tapping Capacity	M16-M48	M16-M48
Highest Speed	50rpm(single speed)	50rpm/200rpm(double speed)
Max. Work Radius	1300mm	1300mm
Vertical Extension	600mm	600mm
Tapping Direction	Universal	Universal
Package Size	930*930*350mm	930*930*350mm
Gross Weight	110kg	110kg
Standard Collet	GT24, 16-M36	GT48, M39-M48
Optional Collet	DIN371/376, ISO, JIS or other standard collets optional	

SFN-1000-12DT

Electric Drilling & Tapping Machine



Features

- This integrated drilling and tapping machine is equipped with an innovative system developed with an articulated swing arm and magnetic chuck lifting rod, which makes it stay perpendicular to the workpiece and ensure the smoothness of up/down sliding.
- The machine is designed with a technology that can provide smooth and quick placements, ensuring rigidity and precision during machining operations.
- With an intelligent touch-screen operator interface, easy and intuitive, you can perform drilling and tapping, to set quota without the need of manually tracking.
- With the new control system, the production efficiency has been improved 5-10 times compared with traditional machines.

Specifications

Model	SFN-1000-12DT	SFN-1200-20DT
Power	230V/110V, 50HZ, 600W	230V/110V, 50HZ, 1200W
Tapping Capacity	M3-M12	M6-M20
Drilling Range	Φ1-Φ12	Φ3-Φ20
Highest Speed	625rpm	500rpm
Max. Work Radius	1100mm	1200mm
Vertical Extension	600mm	600mm
Package Size/Weight	700*610*230mm/35kg	810*760*240mm/55kg
Work Direction	Vertical	Vertical
Tapping Collet	GT12, M3-M12	GT24, M6-M20
Optional Collet	DIN371/376, ISO, JIS or other standard collets optional	

SFC-1000-16BL

Automatic Scrap Blowing & Lubricating Tapping Machine



Features

- Intelligent control system with compact design mist and air pump saves space and cost greatly, and makes the operation more accurate.
- Allows the operator to mist or lubricate the tap at their discretion, as air and mist valve are adjustable via touch screen.
- Articulated joint design nozzles are easy to be adjusted to any directions.
- It is easier to operate with the touch screen display interface becoming conciser and more multi-functional, such as the "Actual Depth" on the screen can monitor the real-time tapping depth automatically, and the "Pre-set Parameter Select Storage" can help users save time by reserving working parameters.

Specifications

Model	SFC-1000-10BL	SFC-1000-12BL	SFC-1000-16BL	SFC-1200-24BL	SFC-1200-30BL	SFC-1200-36BL
Power	230V/110V AC, 50HZ, 600W			230V/110V AC, 50HZ, 1200W		
Tapping Capacity	M3-M10	M3-M12	M3-M16	M6-M24	M6-M30	M6-M36
Max. Work Radius	1100mm	1100mm	1100mm	1200mm	1200mm	1200mm
Highest Speed	1000rpm	625rpm	312rpm	200rpm	200rpm	156rpm
Tapping Direction	Universal Direction					
Mist Spraying Time	0.1-25s Adjustable					
Air Blowing Time	No Limit					
Gross Weight	30kg	30kg	30kg	48kg	50kg	50kg
Standard Collet	GT12, M3-M10	GT12, M3-M12	GT12, M3-M16	GT24, M6-M24	GT24, M6-M30	GT24, M6-M36
Optional Collet	DIN371/376, ISO, JIS or other standard collets optional					

SFD-1000-16BL

Automatic Blowing & Lubricating Tapping Machine with Built-in Oil Tank

D



Features

- Patented design machine structure, built-in oil tank, head can be swiveled from 0 to 90 degrees easily.
- Programmable blowing and lubricating function (requires external compressed air source with 6-8 bar operating pressure).
- Adjustment of thread size, speed, pitch and cutting depth via touchscreen on the swivel arm.
- Storage of work parameters for repeatable and faster processing of workpieces.
- Right/left rotation selectable on the machine head.
- Quick-change Tapping Collet with slip clutch for safe thread cutting without risk of breakage.
- Manual mode: Once the set cutting depth has been reached, the spindle will stop automatically, forward and reverse travel must be activated manually.
- Automatic mode: Once the set cutting depth has been reached, the machine switches from forward to reverse mode automatically.

Specifications

Model	SFD-1000-10BL	SFD-1000-12BL	SFD-1000-16BL	SFD-1200-24BL	SFD-1200-30BL	SFD-1200-36BL
Power	230V/110V AC, 50HZ, 600W			230V/110V AC, 50HZ, 1200W		
Tapping Capacity	M3-M10	M3-M12	M3-M16	M6-M24	M6-M30	M6-M36
Highest Speed	1000rpm	625rpm	312rpm	200rpm	200rpm	156rpm
Max. Work Radius	1100mm (3-Arm: 1500mm)			1200mm (3-Arm: 1700mm)		
Air Blowing Time	No Limit			No Limit		
Mist Spraying Time	0.1-25s Adjustable			0.1-25s Adjustable		
Tapping Direction	Universal Direction			Universal Direction		
Package Size	710*680*230mm			880*790*250mm		
Weight	30kg/3-Arm: 38kg	30kg/3-Arm: 38kg	30kg/3-Arm: 38kg	48kg/3-Arm: 60kg	50kg/3-Arm: 62kg	50kg/3-Arm: 62kg
Standard Collet	GT12, M3-M10	GT12, M3-M12	GT12, M3-M16	GT24, M6-M24	GT24, M6-M30	GT24, M6-M36
Optional Collet	DIN371/376, ISO, JIS or other standard collets optional					

Upgraded Configuration



- Built-in oil tank makes it easier to operate.
- Compact design takes less space.
- Special design increases the flexibility.

Intelligent Tapping Machine System



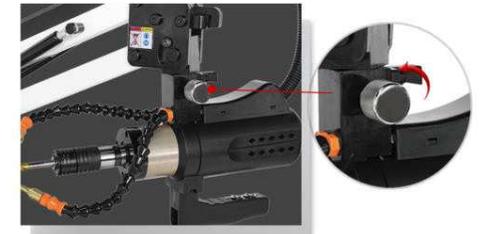
- 4.3 inch HD touch screen with protective cover for dust proof.
- Real-time torque display.
- Full-featured functions.
- Easy to set various parameters.

Air Blowing & Mist Spray System



- Mist spray and air blowing can be controlled separately by the system, they can be opened together or separately.
- The pipes are hidden inside. Instantaneous spray technology has solved the problem of delayed spray, to realize instant spray by pressing tapping switch.

Easily Switch Between Vertical and Universal



- The modes between vertical and universal can be easily switched by simple operation, just press a switch and do not need tools and wrenches.

Upgraded Package



Size: 710(L)*690(W)*230(H)mm
880(L)*790(W)*240(H)mm



Tapping Collet



Base



Tapping Oil



Power Cord

- Inner shaped foam make it appropriate to accomodate the machine parts for safe shipment.
- Outer wooden box package makes it more stable for air or long-time sea shipment.

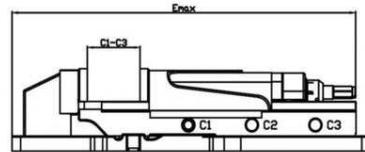
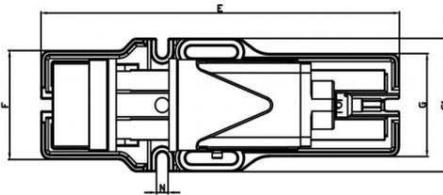
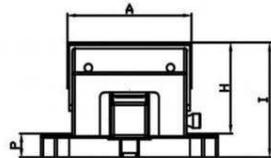
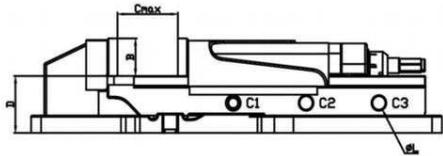
SF-VH-4-180

MC High Precision Internal-Mounted Hydraulic Vise



Features

- The new patented hydraulic cylinder, with the clamping force is more stable and can resist vibration machines, the function of easy relieve and maintenance. It's economical and durable.
- Holder of a large opening function and can quickly move back and forth.
- Vise body material is high ductility of cast iron, vise both sides of the slide hardened heat (HRC42 °), ensure high precision and high wear resistance, high tensile strength.



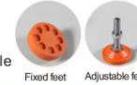
Specifications

Model	A	B	Cmax	C1	C2	C3	D	E	Emax	F	G	G1	H	I	L	N	P	Clamping force (kgf)	Weight	Package Size
SF-VH-4-180	110	40	180	0-62	58-120	116-180	60	430	596	135	122	166	76	100	12	18	24	4000	25kg	490*210*130
SF-VH-5-240	134	50	240	0-82	78-160	158-240	75	540	716	160	150	190	101	125	18	20	24	4500	38kg	610*230*150
SF-VH-6-320	154	54	320	0-112	107-222	217-320	82	620	824	180	170	220	113	136	20	20	28	4500	48kg	690*260*160
SF-VH-8-320	198	65	320	0-112	107-222	217-320	88	640	846	225	215	285	125	153	22	20	28	6500	68kg	710*330*180

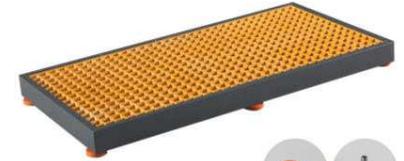
CNC Footplate



Model B Two-layer Frame
Two stand options are available



Model code	Specification (Fixed)	Specification (Adjustable)
CW2-1245B-LM	1250*490*170mm	1260*490*(200-230)mm
CW2-1260B-LM	1260*640*170mm	1280*640*(200-230)mm
CW2-1680B-LM	1640*840*170mm	1640*840*(200-230)mm
CW2-1770B-LM	1740*740*170mm	1740*740*(200-230)mm
CW2-18100B-LM	1775*975*170mm	1775*975*(200-230)mm



Model A Single-layer Frame
Two stand options are available



Model code	Specification (Fixed)	Specification (Adjustable)
CW2-1040A-LM	1050*450*100mm	1050*450*(130-160)mm
CW2-1150A-LM	1150*550*100mm	1150*550*(130-160)mm
CW2-1245A-LM	1270*500*100mm	1270*500*(130-160)mm
CW2-1260A-LM	1270*650*100mm	1270*650*(130-160)mm
CW2-1280A-LM	1270*650*100mm	1270*650*(130-160)mm
CW2-1360A-LM	1350*650*100mm	1350*650*(130-160)mm
CW2-1460A-LM	1450*650*100mm	1450*650*(130-160)mm
CW2-1660A-LM	1650*650*100mm	1650*650*(130-160)mm
CW2-1680A-LM	1650*850*100mm	1650*850*(130-160)mm
CW2-18100A-LM	1785*985*100mm	1785*985*(130-160)mm
CW2-1880A-LM	1850*850*100mm	1850*850*(130-160)mm

CNC Tool Holder Cart



Figure 1



Figure 2



Figure 3

Rolling Cart and Stationary cart optional

	Model code	Specification	BT/SK/JT/NT DIN69871/69872			HSK Series				
			30	40	50	40	50	63	80	100
Figure 1	SFE-P01SC	W615*D400*H950+380mm	10	7	5	8	8	7	4	4
	SFE-P01MC	W720*D420*H980+380mm	12	8	6	10	10	8	5	5
	SFE-P01BC	W820*D480*H1030+490mm	28	20	14	24	24	20	12	12
Figure 2	SFE-P01SC-W	W615*D400*H950+380mm	Tool cart with square hole hanging plate							
	SFE-P01MC-W	W720*D420*H980+380mm								
	SFE-P01BC-W	W820*D480*H1030+490mm								
Figure 3	SFE-A5747	W570*D470*H800+310mm	40	28	20	32	32	28	16	16
	SFE-A6847	W680*D470*H800+310mm	48	32	24	40	40	32	20	20
	SFE-A7847	W780*D470*H800+310mm	56	40	28	48	48	40	24	24



European Style P02
SFE-P02C-W



European Style P06
SFE-P06C-W1



The top three drawers can be divided into sections.



The bottom three layers are large drawers.



Thickened wooden top: Protects tools from damage

Model code	Specification	Product Features
SFE-P02C-W	W720*D420*H980+420mm	Tool cart with square hole hanging plate
SFE-P06C-W1	W720*D420*H980+420mm	



European Style P06
SFE-P06C-W3



European Style P06
SFE-P06C-W3DJ



Five middle drawers with dividers



Categorized storage, neat and tidy without clutter

Model code	Specification	BT/SK/JT/NT DIN69871/69872			HSK Series				
		30	40	50	40	50	63	80	100
SFE-P06C-W3	W1000*D520*H940+500mm	With wooden countertop							
SFE-P06C-W3DJ	W1000*D520*H1690mm								



European Style P06
SFE-P06C-W2



European Style P06
SFE-P06C-W2DJ



Square Hole Tool Hanging Plate with Hooks



Thickened wooden top: Protects tools from damage



The drawers are separated and neatly stored

Model code	Specification	Product Features
SFE-P06C-W2	W1000*D520*H940+500mm	With wooden top
SFE-P06C-W2DJ	W1000*D520*H1690mm	



Reinforced Single-Drawer Model
Knife Cart SFT-J03C



Reinforced Two-Drawer Model
Knife Cart SFT-J04C



The drawers are separated and neatly stored



One layer of knife holder board inside the cabinet



Square hole hanging plate (hooks optional)

Model code	Specification	BT/SK/JT/NT DIN69871/69872			HSK Series				
		30	40	50	40	50	63	80	100
SFT-J03C	W720*D420*H980+220mm	31	29	24	31	31	29	24	15
SFT-J04C	W720*D420*H980+220mm	31	29	24	31	31	29	24	15



Reinforced Single-Drawer Model
Tool Cart SFT-J03C-W



Reinforced Two-Drawer Model
Tool Cart SFT-J04C-W



Model F with Single-Drawer
Tool Cart SFT-J07C-W

Model code	Specification	Product Features
SFT-J03C-W	W720*D420*H980+390mm	Tool cart with square hole hanging plate
SFT-J04C-W	W720*D420*H980+390mm	
SFT-J07C-W	W720*D420*H975+420mm	



Model F with Two-Drawer
Tool Cart SFT-J06C-W



Model F with Single-Drawer
Knife Cart SFT-J07C



Model F with Two-Drawer
Knife Cart SFT-J06C

Model code	Specification	BT/SK/JT/NT DIN69871/69872			HSK Series				
		30	40	50	40	50	63	80	100
SFT-J06C-W	W720*D420*H975+420mm	Tool cart with square hole hanging plate							
SFT-J07C	W720*D420*H975+420mm	30	26	20	28	28	26	-	15
SFT-J06C	W720*D420*H975+420mm								



2-Drawer Drill/Tap Knife Cart
SFT-ZG03



3-Drawer Drill/Tap Knife Cart
SFT-ZG04



2-Drawer Drill/Tap Tool Cart
SFT-ZG03-W

Model code	Specification	BT/SK/JT/NT DIN69871/69872			HSK Series				
		30	40	50	40	50	63	80	100
SFT-ZG03	W573*D470*H920+390mm	27	24	-	-	27	24	-	-
SFT-ZG04	W573*D470*H920+390mm	27	24	-	-	27	24	-	-
SFT-ZG03-W	W573*D470*H920+390mm	Tool cart with square hole hanging plate							



3-Drawer Drill/Tap Tool Cart
SFT-ZG04-W



Lathe Knife Cart
SFT-SYC2



Lathe Tool Cart
SFT-SYC2-W

Model code	Specification	BT/SK/JT/NT DIN69871/69872			HSK Series				
		30	40	50	40	50	63	80	100
SFT-ZG04-W	W573*D470*H920+390mm	Tool cart with square hole hanging plate							
SFT-SYC2	W565*D400*H915+345mm	20	14	10	16	16	14	-	8
SFT-SYC2-W	W565*D400*H915+345mm	Tool cart with square hole hanging plate							

CNC Tool Holder Transfer Cart



Model code	Specification	BT/SK/JT/NT DIN69871/69872			HSK Series				
		30	40	50	40	50	63	80	100
SFT-DJ105AC-6	W660*D550*H900mm	60	42	30	48	48	42	24	24
SFT-DJ105AC-8	W870*D550*H1100mm	112	80	56	96	96	80	48	48
SFT-DJ105AC-10	W870*D550*H1300mm	140	100	70	120	120	100	60	60

Product Series	Type	Model code	Width*Deep (mm)	Height (mm)	BT/SK/JT/NT DIN69871/69872			HSK Series												
					30	40	50	40	50	63	80	100								
E	Figure 1	SFT-SDTE1DC	W670*D450	H820+470	20	14	10	16	16	14	8	8								
	Figure 2	SFT-SDTE2DC		H820+440																
	Figure 3	SFT-SDTE3DC		H820+440									single-layer plate							
	Figure 4	SFT-SDTE4DC		H820+470									40	28	20	32	32	28	16	16
	Figure 5	SFT-SDTEDC-DJ		H1700									single-layer plate							
G	Figure 1	SFT-SDTG1DC	W785*D550	H820+470	24	16	12	20	20	16	10	10								
	Figure 2	SFT-SDTG2DC		H820+560																
	Figure 3	SFT-SDTG3DC		H820+560									single-layer plate							
	Figure 4	SFT-SDTG4DC		H820+470									48	32	24	40	40	32	20	20
	Figure 5	SFT-SDTGDC-DJ		H1700									single-layer plate							
F	Figure 1	SFT-SDTF1DC	W880*D550	H820+470	28	20	14	24	24	20	12	12								
	Figure 2	SFT-SDTF2DC		H820+560																
	Figure 3	SFT-SDTF3DC		H820+560									single-layer plate							
	Figure 4	SFT-SDTF4DC		H820+470									56	40	28	48	48	40	24	24
	Figure 5	SFT-SDTFDC-DJ		H1700									single-layer plate							



Model code	Specification	BT/SK/JT/NT DIN69871/69872			HSK Series				
		30	40	50	40	50	63	80	100
SFT-DJ104L-5	W865*D495*H1015mm	70	50	35	60	60	50	30	30
SFT-DJ103L-7(07-650)	W780*D500*H1420mm	84	56	42	70	70	56	35	35
SFT-DJ103L-8(07-750)	W880*D500*H1540mm	112	80	56	96	96	80	48	48
SFT-DJ103L-8(07-900)	W1030*D500*H1570mm	136	96	64	112	112	96	56	56



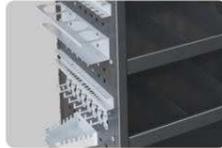
Tool Cart B0 SFT-MTT2-B0



Tool Cart B0 SFT-MTT2-B0-C



Side reinforcement guards



Square hole side plate, can be used with hooks

Model code	Specification	Product Features
SFT-MTT2-B0	W730*D430*H990mm	three layer flat panel
SFT-MTT2-B0-C		Three-tier parts box



Tool Cart B0 B3 SFT-MTT2-B3



Tool Cart B0 B5 SFT-MTT2-B5



Model B Electrode Cart SFT-MTT2-B-DJ

Model code	Specification	BT/SK/JT/NT DIN69871/69872					HSK Series					Electrode	
		30	40	50	40	50	63	80	100	5055	7090		
SFT-MTT2-B3	W730*D430*H990mm	36	24	18	—	—	24	—	—	24	18		
SFT-MTT2-B5		60	40	30	—	—	40	—	—	40	30		



Tool Cart SFT-ZYCA1/A2



Plus Model SFT-ZYCA1/A2-PLUS



Enlarged metal handle, push and pull to save energy



One-piece, no-mount knife bar

Model code	Specification	BT/SK/JT/NT DIN69871/69872			HSK Series				
		30	40	50	40	50	63	80	100
SFT-ZYCA1	W780*D500*H840mm	60	42	30	48	48	42	24	24
SFT-ZYCA2	W980*D500*H840mm	84	60	42	72	72	60	36	36
SFT-ZYCA1-PLUS	W1130*D500*H840mm	81	57	39	66	66	57	33	33
SFT-ZYCA2-PLUS	W1330*D500*H840mm	105	75	51	90	90	75	45	45



Tool Cart SFT-ZYCA3



Tool Cart SFT-ZYCA4



A4-PLUS SFT-ZYCA4-PLUS

Model code	Specification	BT/SK/JT/NT DIN69871/69872			HSK-Series				
		30	40	50	40	50	63	80	100
SFT-ZYCA3	W660*D800*H815mm	60	42	30	48	48	42	24	24
SFT-ZYCA4	W880*D450*H920mm	60	40	30	50	50	40	25	25
SFT-ZYCA4-PLUS		84	56	42	70	70	56	35	35

PML-300

Permanent Magnetic Base



■ Features

- Typically used to mount the tapping machine on metal materials or workbenches.
- To be fixed on a stable and sturdy base without electricity.
- Quickly and conveniently fixed to any surface made of steel and cast iron.
- Equipped with a magnetic circuit based on neodymium magnets with an M10 mounting hole.
- Easy to operate with handle switch, and even much safer during operation process.
- The pull-off force of this magnetic base can reach 3.5 times higher than common chuck

■ Specifications

Model	Rated Capacity(kg)	Size(mm)				Maximum Pulled-Out Force(N)	Net Weight (kg)
		L	B	H	R		
PML-300	300	153	122	65	106	1200	9
PML-600	600	195	162	74	216	2400	18
PML-1000	1000	224	168	88	451	3000	48

PMC-600

Permanent Magnetic Lifter



■ Features

- Mainly used to lift steel plates, blocks, press molds, etc. and load / unload in machines during handling operation.
- The lifting device has a wide variety of uses for lifting and shifting steel by moving materials without damaging the steel surface.
- Requiring no extra power from users, this magnetic lifter has a strong magnetic force that is designed to lift, handle and navigate large metal road plates on construction sites.
- Simple to operate with safety button design.
- Large and heavy workpiece can be handled safely and easily by only one operator.
- Working conditions can be improved and working efficiency will be increased greatly.

■ Specifications

Model	Rated Capacity(kg)	Size(mm)					Maximum Pulled Off(N)	Cylindrical Work Limits		Net Weight (kg)
		L	B	H	R	le		Diameter	Weight	
PMC-300	300	192	92	91	150	154	900	≥60	≤100	9.6
PMC-600	600	314	120	92	216	267	1800	≥70	≤200	18
PMC-1000	1000	363	142	118	307	342	3000	≥90	≤300	37
PMC-2000	2000	482	165	164	367	420	6000	≥120	≤600	120
PMC-3000	3000	542	234	212	451	368	9000			150

SF-16A

Pneumatic Motor



SF-12A



SF-16A

■ Specifications

Model	SF-12A	SF-16A	SF-24A
Tapping Capacity	M3-M12	M3-M16	M6-M24
Air Pressure	6-8kg/cm ²	6-8kg/cm ²	6-8kg/cm ²
No-load Speed	400rpm	250rpm	90/250rpm
Net Weight	1.7kg	2.9kg	3.7kg

SF-WB

Cast Iron Workbench



SF-WB



SF-WB-D



SF-WB-N

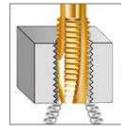
■ Specifications

Model	SF-WB	SF-WB-D	SF-WB-N
Size/Weight	800(L)*500(W)*700(H)mm/65kg	800(L)*500(W)*700(H)mm/75kg	800(L)*500(W)*700(H)mm/60kg
	900(L)*600(W)*700(H)mm/70kg	900(L)*600(W)*700(H)mm/80kg	900(L)*600(W)*700(H)mm/70kg

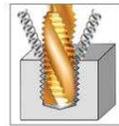
Height can be customized according to needs

SF-ST

Titanium Coating Screw Tap



Titanium Coating EX-POT



Titanium Coating EX-SFT



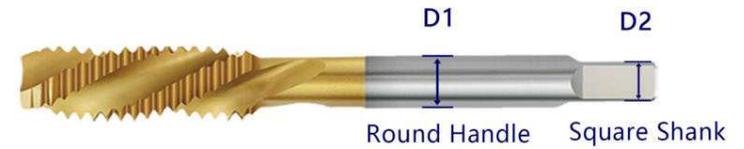
Titanium Coating EX-POT



Titanium Coating EX-SFT

Performance
Chip discharge from bottom, Through-hole
Advantage
Good heat dissipation
Good through hole effect
Peculiarity
Can tap to the blind hole bottom
No chips left, chip discharge smooth
Easy to cut into the bottom
Good cutting effect
Application
Cutting a material that is continuously crimped
Through-hole processing
Inner wall with axial groove
High speed processing

Performance
Chip discharge from top Blind hole
Advantage
Strong cutting ability
Wide range usage
Peculiarity
Blade Angle groove
No chip block
Strong resistance to damage
Strong cutting capacity
Application
Cutting a material that is continuously curved
Blind-hole processing
Inner wall with axial groove



Specifications

JIS		ISO			DIN		
Tapping Collet: GT12/GT24 Screw Tap: D1*D2	Tapping Collet: GT12 Screw Tap: D1*D2	Tapping Collet: GT24 Screw Tap: D1*D2	Tapping Collet: GT48 Screw Tap: D1*D2	Tapping Collet: GT12 376 Screw Tap: D1*D2	Tapping Collet: GT24 376 Screw Tap: D1*D2		
M2 3.0*2.5	M2 2.5*2.0	M6-M8 6.3*5.0	M39-M42 28.0*22.4	M2 2.8*2.1	M5-M6 6.0*4.9		
M3 4.0*3.2	M3 3.15*2.5	M10 8.0*6.3	M45-M48 31.5*25.0	M3 3.5*2.7	M8 8.0*6.2		
M4 5.0*4.0	M4 4.0*3.15	M12 9.0*7.1		M4 4.5*3.4	M10 10.0*8.0		
M5 5.5*4.5	M5 5.0*4.0	M14 11.2*9.0		M5-M6 6.0*4.9	M12 9.0*7.0		
M6 6.0*4.5	M6-M8 6.3*5.0	M16 12.5*10.0		M8 8.0*6.2	M14 11.0*9.0		
M8 6.2*5.0	M10 8.0*6.3	M18-M20 14.0*11.2		M10 10.0*8.0	M16 12.0*9.0		
M10 7.0*5.5	M12 9.0*7.1	M22 16.0*12.5			M18 14.0*11.0		
M12 8.5*6.5	M14 11.2*9.0	M24 18.0*14.0		Tapping Collet: GT12 376 Screw Tap: D1*D2	M20 16.0*12.0		
M14 10.5*8.0	M16 12.5*10.0	M27-M30 20.0*16.0		M12 9.0*7.0	M22-M24 18.0*14.5		
M16 12.5*10.0		M33 22.4*18.0		M14 11.0*9.0	M27 20.0*16.0		
M18 14.0*11.0		M36 25.0*20.0		M16 12.0*9.0	M30 22.0*18.0		
M20 15.0*12.0					M33 25.0*20.0		
M22 17.0*13.0					M36 28.0*22.0		
M24 19.0*15.0							
M27 20.0*15.0							
M30 23.0*17.0						Tapping Collet: GT48 Screw Tap: D1*D2	
M33 25.0*19.0						M39-M42 32.0*24.0	
M36 28.0*21.0						M44-M50 36.0*29.0	

JIS ISO DIN

Over-load Protection Tapping Collet



Features

- High precision, quick change, long-life with torque protection function.
- JIS, ISO, British, DIN371/376 standard torque chucks available.
- Torsion react sensitive and changes according to various material to set up corresponding torque.
- Used for kinds of tapping machines include Electric Tapping Machines and Pneumatic Tapping Machines.

Model	Standard	Quantity	Net Weight	Configures chuck specifications
M10(GT12 M3-M10)	ISO	5	1.0kg	M3, M4, M5, M6-8, M10
	DIN	5	1.0kg	M3, M4, M5-6, M8, M10
M12(GT12 M3-M12)	ISO	6	1.5kg	M3, M4, M5, M6-8, M10, M12
	DIN	6	1.5kg	M3, M4, M5-6, M8, M10, M12
M16(GT12 M3-M16)	ISO	8	2.0kg	M3, M4, M5, M6-8, M10, M12, M14, M16
	DIN	8	2.0kg	M3, M4, M5-6, M8, M10, M12, M14, M16
M24(GT24 M6-M24)	ISO	8	4.5kg	M6-8, M10, M12, M14, M16, M18-20, M22, M24
	DIN	9	5.0kg	M5-6, M8, M10, M12, M14, M16, M18, M20, M22-M24
M30(GT24 M6-M30)	ISO	9	5.0kg	M6-8, M10, M12, M14, M16, M18-20, M22, M24, M27-M30
	DIN	11	6.2kg	M5-6, M8, M10, M12, M14, M16, M18, M20, M22-M24, M27, M30
M36(GT24 M6-M36)	ISO	11	6.2kg	M6-8, M10, M12, M14, M16, M18-20, M22, M24, M27-M30, M33, M36
	DIN	13	7.3kg	M5-6, M8, M10, M12, M14, M16, M18, M20, M22-M24, M27, M30, M33, M36
M48 (GT24 M16-M36) (GT48 M39-M50)	ISO	10	5.6kg	M16, M18, M20, M22, M24, M27-M30, M33, M36, M39-M42, M45-M48
	DIN	10	5.6kg	M16, M18, M20, M22-M24, M27, M30, M33, M36, M39-M42, M44-M50

SF-TDH

External Threading Die Holder



Specifications

Model	D	D1	L	d	L1	Max Threading Depth
GT12-M3-M6	19	28	45	20	3.4	45
GT12-M8	19	33	50	25	8.8	50
GT12-M10	19	38	55	30	10	50
GT12-M12-M16	19	48	60	38	13	24
GT12-M18-M20	19	59	85	38	9	46
GT24-M3-M6	31	30	56	20	6	56
GT24-M8	31	34	55	25	8.5	55
GT24-M10	31	40	60	30	10.5	60
GT24-M12-M16	31	48	75	38	13	75
GT24-M18-M20	31	59	96	45	18	96
GT24-M22-M24	31	69	125	55	20	63
GT24-M27-M36	31	78	130	65	25	75

SF-TD

HSS Threading Die



Specifications

Model	Thread Size/mm	Pitch/mm	Diameter/mm	Thickness/mm	Chip Hole
M3*0.5	3	0.5	20	5	3
M4*0.7	4	0.7	20	5	3
M5*0.8	5	0.8	20	7	4
M6*1	6	1	20	7	4
M8*1.25	8	1.25	25	9	4
M10*1.5	10	1.5	30	11	4
M12*1.75	12	1.75	38	14	4
M14*2	14	2	38	14	5
M16*2	16	2	38	14	5
M18*2.5	18	2.5	45	18	5
M20*2.5	20	2.5	45	18	6
M22*2.5	22	2.5	45	18	6
M24*3	24	3	55	22	6
M27*3	27	3	55	22	6
M30*3.5	30	3.5	65	26	7

SF-DP

Direction Positioner with Magnet



- GT12
- GT24
- Magnetic

SF-GW

Grinding Wheel



- Grinding Wheel for
- SF-313C, SF-430
- SF-GD13, SF-U5
- SF-GD30, SF-U2

SF-DT

Cobalt-bearing Deburring Tool



- Head Diameter:
- 25mm, 3blades, 90°degree
- 35mm, 3blades, 90°degree
- 45mm, 3blades, 90°degree

SF-AD

Adapter



- Adapter for GT24-GT12 Chuck
- Adapter for GT48-GT24 Chuck

SF-SDC

Self-Locking Drilling Chuck



- GT12 or GT24
- Self-Locking Drilling Chuck
- Drilling Range:1-16mm

SF-BLD

Chamfering Machine Insert



- Insert for Chamfering Machine

SF-DC

Drilling Chuck



- GT12 Drilling Chuck
Drilling Range:1-13mm
- GT24 Drilling Chuck
Drilling Range:3-16mm
- GT12 shank diameter 19
- GT24 shank diameter 31
- B16 Big end diameter 15.73
- B18 Big end diameter 17.78

SF-TO

Tapping Oil



- 500ml