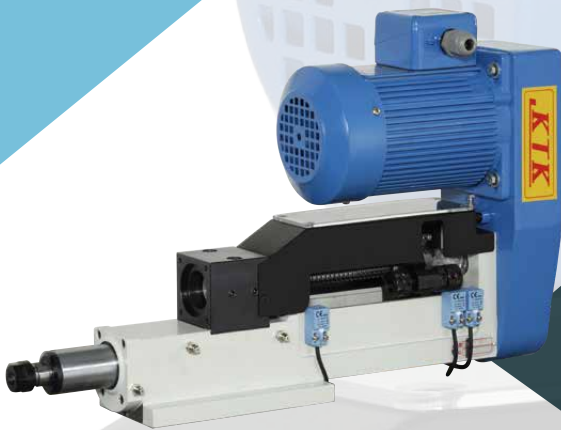




Manufacturer & Supplier of Drives Units for Special Purpose Machines



Automation Unit
Automation Unit
Automation Unit

NC-4150H

Capacity : 6mm
Spindle Stroke : 130mm
Spindle Taper : JT2/ER16
Spindle Speed : 3000-4000-5000
Spindle Motor : 0.75kw
Ball Screw Motor : 0.4kw
Weight : 30kgs

NC-5100H

Capacity : 10mm
Spindle Stroke : 80mm
Spindle Taper : JT6/ER20
Spindle Speed : 1000-2000-3000
Spindle Motor : 0.75kw
Ball Screw Motor : 0.75kw
Weight : 46kgs

NC-6150H

Capacity : 16mm
Spindle Stroke : 130mm
Spindle Taper : MT2/ER25
Spindle Speed : 1000-1500-2000
Spindle Motor : 1.5kw
Ball Screw Motor : 750kw
Weight : 79kgs

NC-7200H

Capacity : 20mm
Spindle Stroke : 180mm
Spindle Taper : MT3/ER32
Spindle Speed : 1-speed
Range : 500-1500
Spindle Motor : 1.5kw
Ball Screw Motor : 1.5kw
Weight : 128kgs

Pneumatic Drilling Unit

P-350H Pneumatic



Capacity : 5mm
Total stroke : 50mm
Braking stroke : 25mm
Speed range : 600-8000-10000(2p)
3000-4000-5000(4p)
Motor : 0.37kw
Tool holder : ER16/JT1
Weight : 18kgs

P-360H Pneumatic



Capacity : 6mm
Total stroke : 60mm
Braking stroke : 25mm
Speed range : 6000-8000-10000(2p)
3000-4000-5000(4p)
Motor : 0.37kw
Tool holder : ER16/JT1
Weight : 22kgs

P-570H Pneumatic



Capacity : 10mm
Total stroke : 70mm
Braking stroke : 50mm
Speed range : 1000-2000-3000
Motor : 0.75kw
Tool holder : ER20/JT6
Weight : 38kgs

P-5100H Pneumatic



Capacity : 10mm
Total stroke : 100mm
Braking stroke : 50mm
Speed range : 1000-20000-3000
Motor : 0.75kw
Tool holder : ER20/JT6
Weight : 45kgs

P-6150H Pneumatic

Capacity : 16mm
Total stroke : 150mm
Braking stroke : 50mm
Speed range : 1000-1500-2000
Motor : 1.5kw
Tool holder : ER25/MT2
Weight : 62kgs

H-570H Hydraulic

Capacity : 10mm
Total stroke : 70mm
Braking stroke : 70mm
Speed range : 1000-2000-3000
Motor : 0.75kw
Tool holder : ER20/JT6
Weight : 38kgs

H-5100H Hydraulic

Capacity : 10mm
Total stroke : 100mm
Braking stroke : 100mm
Speed range : 1000-2000-3000
Motor : 0.75kw
Tool holder : ER20/JT6
Weight : 45kgs

Hydraulic Drilling Unit

H-6150H Hydraulic



Capacity : 16mm
Total stroke : 150mm
Braking stroke : 150mm
Speed range : 1000-1500-2000
Motor : 1.5kw
Tool holder : ER25/MT2
Weight : 62kgs

H-7130H Hydraulic



Capacity : 25mm
Total stroke : 130mm
Braking stroke : 130mm
Speed range : 300-1500(optional)
Motor : 1.5kw
Tool holder : ER25/MT2
Weight : 105kgs

H-7150H Hydraulic



Capacity : 25mm
Total stroke : 150mm
Braking stroke : 150mm
Speed range : 300-1500(optional)
Motor : 1.5kw
Tool holder : ER32/MT3
Weight : 105kgs

H-8130H Hydraulic



Capacity : 35mm
Total stroke : 130mm
Braking stroke : 130mm
Speed range : 300-1500(optional)
Motor : 2.25kw
Tool holder : ER40/MT4
Weight : 125kgs



Hydraulic Drilling Unit

H-9150H Hydraulic



Capacity : 35mm
Total stroke : 150mm
Braking stroke : 150mm
Speed range : 300-1500(optional)
Motor : 2.25kw
Tool holder : ER40/MT4
Weight : 125kgs

H-12150H Hydraulic



Capacity : 50mm
Total stroke : 150mm
Braking stroke : 150mm
Speed range : 50-1200(optional)
Motor : 3.75kw
Tool holder : MT4/NT50
Weight : 285kgs



Peck Feed Drilling Unit

P-30-60H Pneumatic



Capacity : 6mm
Total stroke : 60mm
Braking stroke : 25mm
Speed range : 6000-8000-10000(2p)
3000-4000-5000(4p)
Motor : 0.37kw
Tool holder : ER16/JT1
Weight : 22kgs

P-50-100H Pneumatic



Capacity : 10mm
Total stroke : 100mm
Braking stroke : 50mm
Speed range : 1000-20000-3000
Motor : 0.75kw
Tool holder : ER20/JT6
Weight : 45kgs

P-60-150H Pneumatic



Capacity : 16mm
Total stroke : 150mm
Braking stroke : 50mm
Speed range : 1000-1500-2000
Motor : 1.5kw
Tool holder : ER25/MT2
Weight : 62kgs

H-50-100H Hydraulic

Capacity : 10mm
Total stroke : 100mm
Braking stroke : 100mm
Speed range : 1000-2000-3000
Motor : 0.75kw
Tool holder : ER20/JT6
Weight : 50kgs

H-70-150H Hydraulic

Capacity : 25mm
Total stroke : 150mm
Braking stroke : 150mm
Speed range : 300-1500(optional)
Motor : 1.5kw
Tool holder : ER32/MT3
Weight : 105kgs

H-90-150H Hydraulic

Capacity : 35mm
Total stroke : 150mm
Braking stroke : 150mm
Speed range : 300-1500(optional)
Motor : 2.25kw
Tool holder : ER40/MT4
Weight : 125kgs

Pitch Control Tapping Unit

T-100H Lead screw



Capacity : M10
Total stroke : 100mm
Tapping stroke : 100mm
Speed range : 600-1000-1500
Motor : 0.75kw
Tool holder : ER20/JT6
Weight : 50kgs

T-120H Lead screw



Capacity : M20
Total stroke : 12mm
Tapping stroke : 120mm
Speed range : 300-1000(optional)
Motor : 1.5kw
Tool holder : ER32/MT3
Weight : 90kgs

T-140H Lead screw



Capacity : M35
Total stroke : 150mm
Braking stroke : 150mm
Speed range : 200-800(optional)
Motor : 2.25kw
Tool holder : ER40/MT4
Weight : 105kgs



Pitch Control Tapping Unit

GT-50H Pitch Gear



Capacity : M6
Total stroke : 40mm
Tapping stroke : 40mm
Speed range : 500-900-1600
Motor : 0.75kw
Tool holder : ER20/JT6
Weight : 55kgs

GT-80H Pitch Gear



Capacity : M16
Total stroke : 60mm
Tapping stroke : 60mm
Speed range : 200-350-600
Motor : 1.5kw
Tool holder : ER25/MT2
Weight : 100kgs

GT-110H Pitch Gear



Capacity : M35
Total stroke : 60mm
Braking stroke : 60mm
Speed range : 100-200-300
Motor : 2.5kw
Tool holder : MT4
Weight : 150kgs

Spindle unit

S-30A



	H	L
Capacity : 8mm		
Speed Range(rpm) : 6000	3500	
Tool holder : NT30		
Spindle Concentricity : 0.005mm		
Motor Available : 0.37-0.75kw		
Weight : 15kg(W/O motor)		
Slide unit available : ST-120		

S-40A



	H	L
Capacity : 20mm		
Speed Range(rpm) : 4000	2000	
Tool holder : NT40		
Spindle Concentricity : 0.005mm		
Motor Available : 0.75-1.5kw		
Weight : 33kg(W/O motor)		
Slide unit available : ST-200-250		

S-60A



	H	L
Capacity : 30mm		
Speed Range(rpm) : 3000	1500	
Tool holder : NT40		
Spindle Concentricity : 0.005mm		
Motor Available : 0.37-0.75kw		
Weight : 62kg(W/O motor)		
Slide unit available : ST-300-420		

S-80A



	H	L
Capacity : 40mm		
Speed Range(rpm) : 2200	1000	
Tool holder : NT40		
Spindle Concentricity : 0.005mm		
Motor Available : 1.5-3.75kw		
Weight : 110kg(W/O motor)		
Slide unit available : ST-360-500		

S-40B

	H	L
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Capacity : 20mm

Speed Range(rpm) : 4000 2000

Tool holder : NT30

Spindle Concentricity : 0.005mm

Motor Available : 0.75-1.5kw

Weight : 41kg(W/O motor)

Slide unit available : ST-200-300

S-60B

	H	L
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Capacity : 30mm

Speed Range(rpm) : 3000 1500

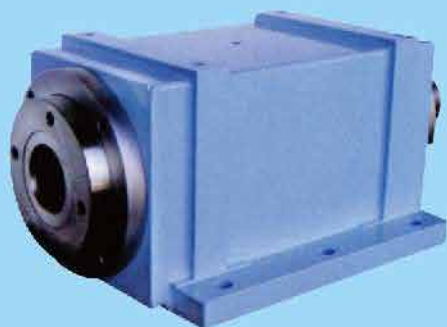
Tool holder : NT40

Spindle Concentricity : 0.005mm

Motor Available : 1.5-3.0kw

Weight : 71kg(W/O motor)

Slide unit available : ST-300-420

S-80B

	H	L
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Capacity : 40mm

Speed Range(rpm) : 2000 1200

Tool holder : NT50

Spindle Concentricity : 0.005mm

Motor Available : 1.5-3.75kw

Weight : 120kg(W/O motor)

Slide unit available : ST-360-500

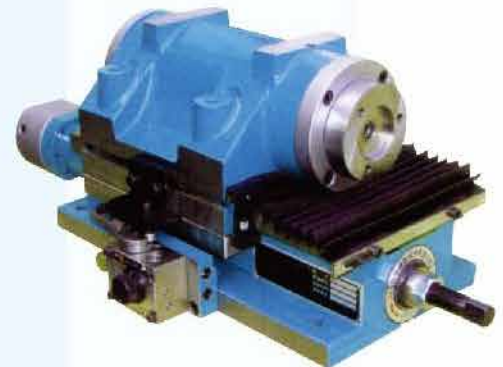
Spindle unit

S-40C



	H	L
Capacity : 20mm		
Speed Range(rpm) : 4000	2000	
Tool holder : NT40		
Spindle Concentricity : 0.005mm		
Motor Available : 0.75-1.5kw		
Slide stroke : 180mm		
Weight : 80kg(W/O motor)		

S-60C



	H	L
Capacity : 30mm		
Speed Range(rpm) : 3000	1500	
Tool holder : NT40		
Spindle Concentricity : 0.005mm		
Motor Available : 1.5-3.0kw		
Slide stroke : 230mm		
Weight : 130kg(W/O motor)		

N-50HP



Capacity : 30mm
Speed Range(rpm) : 3500
Tool holder : NT40
Spindle Concentricity : 0.003mm
Motor Available : 1.5-2.2kw
Weight : 66kg
Slide unit available : ST-220-360

N-70HP



Capacity : 40mm
Speed Range(rpm) : 2800
Tool holder : NT50
Spindle Concentricity : 0.003mm
Motor Available : 1.5-3.0kw
Weight : 140kg
Slide unit available : ST-360-420

Slide table-Hydraulic

Model	Slide Base	Slide saddle	Slide stroke	Cylinder Diameter	Loaded W.	Weight
ST-120x300	300mm	120x200mm	70mm	40mm	80kg	30kg
ST-120x400	400mm	120x200mm	120mm	40mm	80kg	35kg

E

Model	Slide Base	Slide saddle	Slide stroke	Cylinder Diameter	Loaded W.	Weight
ST-200x400	400mm	200x300mm	100mm	50mm	150kg	55kg
ST-200x1000	1000mm	200x300mm	140mm	50mm	150kg	140kg

Model	Slide Base	Slide saddle	Slide stroke	Cylinder Diameter	Loaded W.	Weight
ST-220x420	420mm	220x410mm	100mm	50mm	200kg	65kg
ST-220x570	570mm	220x410mm	150mm	50mm	200kg	75kg
ST-220x670	670mm	220x410mm	200mm	50mm	200kg	80kg

Model	Slide Base	Slide saddle	Slide stroke	Cylinder Diameter	Loaded W.	Weight
ST-250x550	550mm	250x420mm	120mm	50mm	300kg	85kg
ST-250x750	750mm	250x420mm	360mm	50mm	300kg	100kg
ST-250x850	850mm	250x420mm	400mm	50mm	300kg	120kg
ST-250x940	940mm	250x420mm	500mm	50mm	300kg	150kg
ST-250x1200	1200mm	250x420mm	600mm	50mm	300kg	180kg

Slide unit

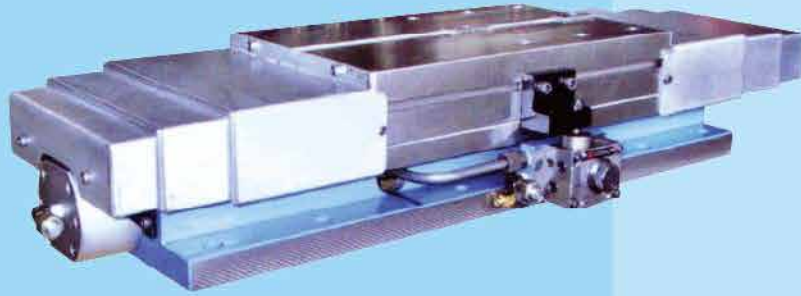
Slide table-Hydraulic



E

Model	Slide Base	Slide saddle	Slide stroke	Cylinder Diameter	Loaded W.	Weight
ST-300x420	420mm	300x300mm	100mm	60mm	400kg	100kg
ST-300x500	500mm	300x300mm	180mm	60mm	400kg	120kg
ST-300x560	560mm	300x360mm	180mm	60mm	400kg	150kg
ST-300x670	670mm	300x360mm	300mm	60mm	400kg	180kg
ST-300x800	800mm	300x360mm	400mm	60mm	400kg	180kg
ST-300x950	940mm	300x420mm	500mm	60mm	400kg	200kg
ST-300x1200	1200mm	300x420mm	700mm	60mm	400kg	250kg

Model	Slide Base	Slide saddle	Slide stroke	Cylinder Diameter	Loaded W.	Weight
ST-360x560	560mm	360x360mm	170mm	80mm	500kg	85kg
ST-360x670	670mm	360x420mm	220mm	80mm	500kg	100kg
ST-360x800	800mm	360x525mm	250mm	80mm	500kg	120kg
ST-360x940	940mm	360x525mm	380mm	80mm	500kg	150kg
ST-360x1200	1200mm	250x420mm	600mm	80mm	500kg	180kg

Slide table-Hydraulic**E**

Model	Slide Base	Slide saddle	Slide stroke	Cylinder Diameter	Loaded W.	Weight
ST-420x670	670mm	420x420mm	220mm	80mm	800kg	210kg
ST-420x800	800mm	420x420mm	300mm	80mm	800kg	260kg
ST-420x940	940mm	420x525mm	380mm	80mm	800kg	300kg
ST-420x1200	1200mm	420x600mm	550mm	80mm	800kg	360kg

Model	Slide Base	Slide saddle	Slide stroke	Cylinder Diameter	Loaded W.	
ST-500x885	885mm	420x600mm	250mm	90mm	1000kg	
ST-500x1200	1200mm	500x600mm	550mm	90mm	1000kg	

Multi-spindle unit

Adjustable



Model	Collet	Capacity	Spindle adjust range	Spindle No. available
T-76	C-5	5mm	12-76mm	2
T-108	C-6	6mm	18-108mm	2
T-121	C-9	8mm	24-121mm	2
	C-12	11mm	26-121mm	2

H



Model	Collet	Capacity	Spindle adjust range	Spindle No. available
A-116	C-6	6mm	18-116mm	2-4
A-124	C-9	8mm	26-124mm	2-4
	C-12	11mm	38-124mm	2-4

Adjustable**H**

Model	Collet	Capacity	Spindle adjust range	Spindle No. available
D-170	JT1/JT2	6mm	38-170mm	2
D-176	JT2	9mm	38-176mm	2
	JT6	12mm	46-176mm	2
D-183	JT6	12mm	55-183mm	2
D-252	JT6	12mm	96-252mm	2



Model	Collet	Capacity	Spindle adjust range	Spindle No. available
D-192	JT1	6mm	37-177mm	2-4
	JT2	9mm	37-177mm	2-4
D-240	JT6	12mm	45-240mm	2-4
D-262	JT2	9mm	45-262mm	2-4
D-315	JT6	12mm	55-315mm	2-4

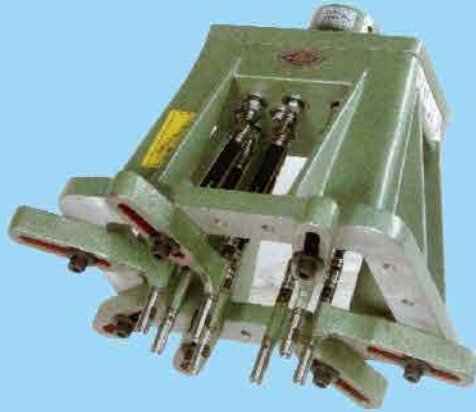
Multi-spindle unit

Adjustable



H

Model	Collet	Capacity	Spindle adjust range	Spindle No. available
U-110	C-5	5mm	13-110mm	2-6
	C-6	6mm	18-110mm	2-6
	C-9	8mm	28-110mm	2-6
U-165	C-6	6mm	18-165mm	2-10
	C-9	8mm	26-165mm	2-10
	C-12	11mm	28-165mm	2-10
U-200	C-6	6mm	18-200mm	2-12
	C-9	8mm	26-200mm	2-12
	C-12	11mm	30-200mm	2-12
U-250	C-6	6mm	18-250mm	2-12
	C-9	8mm	30-250mm	2-12
	C-12	11mm	30-250mm	2-12
U-300	C-6	6mm	18-300mm	2-14
	C-9	8mm	30-300mm	2-14
	C-12	11mm	30-300mm	2-14

Adjustable**H**

Model	Collet	Capacity	Spindle adjust range	Spindle No. available
U-110x165	C-5	5mm	13-100x165mm	3-8
	C-6	6mm	18-100x165mm	3-8
	C-9	8mm	26-100x165mm	3-8
U-120x200	C-6	6mm	18-120x200mm	4-12
	C-9	8mm	26-120x200mm	4-12
	C-12	11mm	28-120x200mm	4-12
U-120x300	C-6	6mm	18-120x300mm	4-14
	C-9	8mm	26-120x200mm	4-14
	C-12	11mm	28-120x300mm	4-14
U-160x450	C-6	6mm	18-160x450mm	6-14
	C-9	8mm	30-160x450mm	6-14
	C-12	11mm	30-160x450mm	6-14
U-170x300	C-6	6mm	18-170x300mm	6-14
	C-9	8mm	30-170x300mm	6-14
	C-12	11mm	30-170x300mm	6-14
U-220x360	C-6	6mm	18-220x360mm	6-14
	C-9	8mm	30-220x360mm	6-14
	C-12	11mm	30-220x360mm	6-14
U-270x300	C-6	6mm	18-270x300mm	6-14
	C-9	8mm	30-270x300mm	6-14
	C-12	11mm	30-270x300mm	6-14
U-270x450	C-6	6mm	18-270x450mm	6-14
	C-9	8mm	30-270x450mm	6-14
	C-12	11mm	30-270x450mm	6-14

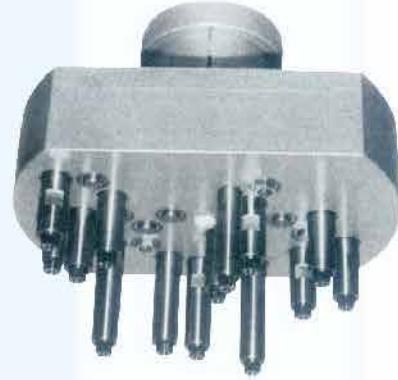
Multi-spindle unit

Fixed

Standard



Standard



with ear hole



with ear hole



with jig plate



with jig plate



H



Column diameter : 80mm
Height available : 500-1000mm
Stroke available : 350-850mm
Fitting unit available : P-350H/P-360H



Column diameter : 90mm
Height available : 500-1000mm
Stroke available : 350-850mm
Fitting unit available : P-570H/P-5100H
H-570H/H-5100H



Fitting unit available : P-350H/P-360H
: P-570H/P-5100H
: H-570H/H-5100H
: T-50/T-100



Column diameter : 90mm
Height available : 500-1000mm
Stroke available : 350-850mm
Fitting unit available : P-570H/P-5100H
H-570H/H-5100H

Accessories



Slide saddle : 200x300 – 300x450mm
Height available : 410-950mm
Slide stroke : 100-320mm



Slide saddle : 110x200 – 380x400mm
Slide stroke available : 100-200mm
Slide base : 110x300 – 440x600mm



Slide saddle : 110x200 – 300x420mm
Slide stroke available : 100-780mm
Slide base : 110x300 – 300x1200mm



Slide saddle : 110x200 – 300x600mm
Slide stroke : X : 90-250mm
 Y : 90-300mm
Slide base : 110x200 – 350x600mm

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