

UCHIDA

PAPER DRILL SERIES



UCHIDA YOKO GLOBAL LIMITED

Tabletop type paper drills (Office use)

For offices and in-house printing

Uchida's long seller paper drill for decades. Loved for it's simplicity and durability.

By rotating the pre-programmed pitch bar dial, the desirable hole pitch can be selected from several pitch patterns.

Compact, powerful and easy to operate.

VS-20 is 2 hole type. VS-25 is multi-hole type.



VS-20



VS-25

Round corner unit

VS-55 offers unique option

VS-55 is the standard model tabletop drill.

Optional round corner unit, applicable for VS-55 makes sharp round corners on every card, tag, etc.

	Round corner unit available with VS-55
Cutting system	Twin blades(Upper and lower blades)
Maximum cutting capacity	25mm
Standard cutting radius	6R(degrees)
Optional cutting radius	3R,5R,7R(degrees)
Dimensions	300(W)x275(D)x105(H)mm/11.82"(W)x 10.83"(D)x4.14"(H)
Net weight	5kgs/11lbs



VS-55



Round corner unit

Tabletop type paper drills (Professional use)

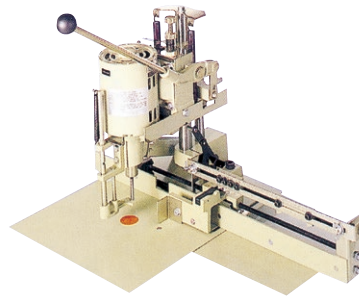
For printing factory, bindery and in-house printing

Compact tabletop type saves the working space.

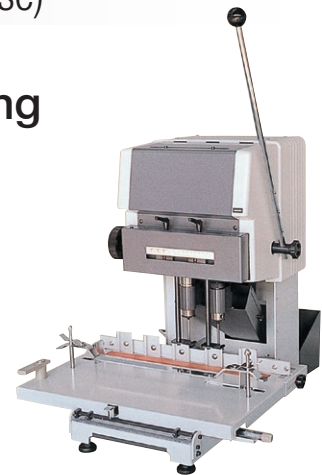
High speed motor provides smooth and accurate drilling.

D-5 is 1-spindle, table fixing type with Universal pitch bar.

VS-200 is 2-spindle, table moving type with pre-programmed pitch bar.



D-5



VS-200

Floor type paper drills (Table-lift type)

Entry model floor type drill with ease of operation

Since the inverter is mounted as standard accessory, the speed of head rotation and stroke elevation can be easily adjusted by the switch located at the front of table.

The distance of each head can be adjustable by 4 adjuster wheels independently.



LA-EX4

Floor type paper drills (Spindle-stroke type)

Heavy duty drill with programmed pitch bar

High rotation speed spindle up to 2,200 rpm with incredibly accurate drill bits, and newly developed controller and inverter makes perfectly sharp edge holes on every paper.

Easy drill bit exchange and depth setting / adjustment.

Waste chute keeps the table clean and keeps the machine accurate.



XA-2

High performance NC drills

Uchida's flagship drills

iK series are capable of automatic X-axis adjustment makes setup and operation easier, improve production speed.

Y-axis adjustment can be automatically done - that makes it easier to finish multiface jobs such as price tags, cards and blister packs. (For iR-2Y/iR-4Y)

Both models have high rotation speed spindle up to 2,200 rpm with incredibly accurate drill bits, and newly developed controller and inverter makes perfectly sharp edge holes on every paper.

Easy drill bit exchange and depth setting / adjustment.

Waste chute keeps the table clean and keeps the machine accurate.



iK-2



iR-4Y

Heavy duty paper punch

Punch holes on thick pile of papers smoothly

KN series are strong punchers considering work efficiency, safety and energy saving.

Model	KN-8	KN-35
Maximum punching capacity	15mm	35mm
Punching capacity (64gsm paper)	160 sheets	390 sheets
Back margin	12.7mm (fixed)	
Drilling diameter	6.0mm	
Selection of pitch	80mm (2 holes)	
Table size	136x280mm	166x344mm
Dimensions (W)x(D)x(H)	163x348x375mm	218x418x536mm



KN-35

Hollow drill bits

Beautiful finishing every time

Hollow type drill bits make exceptionally beautiful drilling finish.

Teflon coated or Silicon coated drill bit can be offered for more professional finishings.

Model	Applicable drill diameter
VS-20 and VS-25	4.0 , 5.0 , 5.5 , 6.0mm
VS-50,D5,VS-200	2.0 , 2.5 , 3.0 , 3.5 , 4.0 , 4.5 , 5.0 , 5.5 , 6.0 , 6.5 , 7.0 , 8.0 , 9.0 , 10.0
LA-EX,XA,iK and iR	11.0 , 12.0 and 13.0mm



Assortments of pitch bars

Pitch bar(standard)	Pitch assortment of the pre-programmed pitch bar for VS-200
Phase 1	2 holes : any pitch
Phase 2	34 holes : 8.47mm
Phase 3	4 holes : 80mm
Phase 4	4 holes : 45-65-45mm
Phase 5	6 holes : 19-19-51-19-19mm
Phase 6	Free for Universal pitch bar

Pitch bar(USA)	Pitch assortment of the pre-programmed pitch bar for VS-200
Phase 1	2 holes : any pitch
Phase 2	3 holes : 80mm
Phase 3	4 holes : 80mm
Phase 4	3 holes : 180mm
Phase 5	4 holes : 21-70-21mm
Phase 6	Free for Universal pitch bar

Pitch bar	Pitch assortment of the pre-programmed pitch bar for VS-20, 25, 55
Phase 1	(Metric) 2 holes : 80mm / (Inch) 2 holes : 2 3/4"
Phase 2	(Metric) 4 holes : 80mm / (Inch) 3 holes : 4 3/4"
Phase 3	(Metric) 4 holes : 45-65-45mm / (Inch) 3 holes : 3 1/2"
Phase 4	(Metric) 6 holes : 19-19-51-19-19 / (Inch) 3 holes : 2 3/4"
Phase 5	(Metric) 34 holes : 8.47mm / (Inch) 22 holes : 1/2"

Pitch bar	Pitch assortment of the pre-programmed pitch bar for XA series
Phase 1	Loose leaf pattern : 9.5mm
Phase 2	Inch-unit pattern : 12.7mm
Phase 3	Organize note book : 19mm
Phase 4	80mm pitch
Phase 5	Centering of paper size from shorter side of B6 to Longitudinal of A3 paper

Specifications

Model	VS-20	VS-25	VS-55
Type	2-hole	Multi-hole	
Maximum drilling thickness	50mm		
Maximum paper size	376mm		
Drilling diameter	4 , 5 , 5.5 , 6.0mm		2 to 13mm
Paper carriage	Manual(Table moving)		
Back margin	6 to 35mm		
Selection of pitch	80mm(2 holes)	Multiple holes(selectable by pre-programmed pitch bar)	
Table size	253(W)x180(D)mm/9.97"(W)x7.09"(D)	480(W)x260(D)mm/18.9"(W)x10.24"(D)	
Dimensions	290(W)x300(D)x465(H)mm/11.42"(W)x 11.82"(D)x13.31"(H)	480(W)x360(D)x470(H)mm/18.9"(W)x 14.18"(D)x18.51"(H)	480(W)x430(D)x685(H)mm/18.9"(W)x 16.93"(D)x26.97"(H)
Power source	110, 115, 220 - 240 VAC (Single phase), 50 or 60Hz		
Power consumption	180W		200W
Net weight	9kgs/20lbs	14kgs/31lbs	30kgs/67lbs
Safety standard	CE (230VAC machine only)		

Model	D-5	VS-200	LA-EX2
Type	Desktop		Floor
Drilling system	Manual		Auto table lift
Number of head	1	2	2(Up to 4 with LA-EX4)
Head distance	None	40 - 142.5mm / 1.58" - 5.61"	60 - 330mm / 2.37" - 13"
Operation	Manual		Two push buttons or foot switch
Stroke speed	Manual		Variably adjustable
Spindle rotating speed	Fixed		Variably adjustable
Drill bit height adjustment	None	Manually by standard tool (5mm)	None
Maximum drilling thickness	50mm / 1.96"		50mm (Up to 65mm with EU model)
Drilling diameter	3 - 13mm	2 - 13mm	3 - 13mm (Up to 14mm with EU model)
Paper carriage	Manual(Table fixing)	Manual(Table Moving)	Manual
Back margin	5 - 215mm / 0.19" - 8.46"	5 - 60mm / 0.19" - 2.37"	5 - 65mm / 0.19" - 2.56"
Drilling pattern	Universal pitch bar	Pre-programmed pitch bar	Universal pitch gauge
Table size	560(W)x420(D)mm/22.1"(W)x16.6"(D)	540(W)x310(D)mm/21.3"(W)x21.2"(D)	1,000(W)x470(D)mm/39.4"(W)x18.5"(D)
Dimensions	780(W)x580(D)x800(H)mm/30.7"(W)x 22.9"(D)x31.5"(H)	570(W)x735(D)x930(H)mm/22.5"(W)x29"(D)x36.2"(H)	1,220(W)x660(D)x1,370(H)mm/48.1"(W)x26"(D)x54"(H)
Power source	110, 115, 220 - 240 VAC (Single phase), 50 or 60Hz		220 - 240 VAC (Single phase), 50 or 60Hz
Power consumption	200W	300W	1.5kW
Net weight	45kgs/100lbs	65kgs/144lbs	200kgs/441lbs
Safety standard	CE (230VAC machine only)		
Options	Optional adapter for 9 - 13mm bit 30 holes, 9.5mm pitch 23 holes, 1/2" pitch 40 holes, 6.5mm pitch	-	-

Model	XA-2, XA-2W, XA-4, XA-4W	iK-2, iK-4	iR-2X, iR-2Y, iR-4X, iR-4Y
Type	Floor type		
Drilling system	Auto spindle stroke		
Number of head	2(Up to 4 with XA-4, XA-4W)	2(Up to 4 with iK-4)	2(Up to 4 with iR-4X, iR-4Y)
Head distance	38 - 310mm / 1.45" - 12.2" (38 - 400mm / 1.45" - 15.8" with 2W, 4W)	40 - 400mm / 1.58" - 15.8"	
Operation	Foot switch	Touch panel	
Stroke speed	Freely adjustable		
Spindle rotating speed	Freely adjustable(Optional)		
Drill bit height adjustment	Independently by standrad tool (25mm)		
Maximum drilling thickness	50mm (Up to 60mm with optional kit)		
Drilling diameter	2 - 13mm	3 - 13mm	
Paper carriage		X-Axis : Auto Y-Axis : Manual	X-Axis : Auto Y-Axis : Manual (Auto with iR-2Y/4Y)
Back margin	5 - 215mm / 0.19" - 8.47" (5 - 390mm / 0.19" - 15.4" with 2W, 4W)	5 - 390mm / 0.19" - 15.4"	
Drilling pattern	Pre-programmed pitch bar	Programmable up to 120 patterns	
Table size	XA-2, XA-4: 900(W)x610(D)mm/35.5"(W)x24"(D) XA-2W, XA-4W: 1,200(W)x800(D)mm/47.3"(W)x31.5"(D)	1,200(W)x800(D)mm/47.3"(W)x31.5"(D)	
Dimensions	XA-2, XA-4: 1,135(W)x1,050(D)x1,360(H)mm/44.7"(W)x41.4"(D)x53.6"(H) XA-2W, XA-4W: 1,295(W)x1,230(D)x1,360(H)mm/51"(W)x48.5"(D)x53.6"(H)	1,200(W)x1,080(D)x1,360(H)mm/47.3"(W)x42.6"(D)x53.6"(H)	
Power source	220 - 240 , 380 , 400 , 450VAC (3 phase), 50 or 60Hz-		
Power consumption	1.6kW (XA-2W, 4W: 1.65kW)	1.3kW	
Net weight	370kgs/816lbs (XA-2W, 4W: 400kgs/882lbs)	445kgs/981lbs	
Safety standard	-		
Options	Inverter to control the drill bit rotation speed, Round corner unit, Universal pitch gauge Spindle head for 9 - 13mm drill bit. Caster base		

UCHIDA YOKO GLOBAL LIMITED

4-7 Shinkawa 2-Chome, Chuo-ku Tokyo, Japan
 Tel: +81(3)3555 4781 Fax: +81(3)3555 6423
 Email: sales@uchidayoko.com Website: www.uchida-machinery.com
 version: 170405

Specifications are subject to change without notice.