

Small size paper drills

- For Offices and in-house printing
- Compact, powerful and easy to operate machine

2 hole type paper drills

Speedy and accurate 2-hole drilling is conducted by the table slides by 80mm pitch.

model VS-10



(Capacity : 350 sheets/64gm²)

model VS-20



(Capacity : 580 sheets/64gm²)

model VS-80



(Capacity : 900 sheets/64gm²)

Multi-hole type paper drills

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

model VS-15



(Capacity : 350 sheets/64gm²)

model VS-25



(Capacity : 580 sheets/64gm²)

model VS-55



(Capacity : 580 sheets/64gm²)

■ Specifications

| Model | VS-10 | VS-20 | VS-80 | VS-15 | VS-25 | VS-55 |
|----------------------------|-----------------------------------|--------------------------|-------------------|--|--------------------------|--------------------------|
| Maximum drilling thickness | 30mm | 50mm | 80mm | 30mm | 50mm | 50mm |
| Maximum paper size | 376mm (B4 longitudinal) | | 300mm | 376mm (B4 longitudinal) | | |
| Drilling diameter | 4, 5, 6mm | 4, 5, 5.5, 6mm | 6mm | 4, 5, 6mm | 4, 5, 5.5, 6mm | 3 to 13mm (*1) |
| Back margin | 6 to 35mm | | 6 to 45mm | 6 to 35mm | | |
| Selection of pitch | 80mm (2 hole) | | | Multiple hole (selectable by pre-programmed pitch bar) | | |
| Paper carriage | Manual (Table moving) | | | | | |
| Table Size (W) x (D) | 253 x 180 mm | | 350 x 335mm | 480 x 260 mm | | |
| Power source | 110, 120, 230 or 240VAC / 50-60Hz | | | | | |
| Power Consumption | 90W | 180W | 200W | 90W | 180W | 200W |
| Net weight | 8.7Kg | 9.0Kg | 25.4Kg | 13.2Kg | 14.0Kg | 30.0Kg |
| Dimensions (W) x (D) x (H) | 290 x 300 x 425mm | 290 x 300 x 465mm | 350 x 440 x 805mm | 480 x 360 x 430mm | 480 x 360 x 470mm | 480 x 430 x 685mm |
| Safety Standards | - | CE (230VAC machine only) | - | - | CE (230VAC machine only) | CE (230VAC machine only) |

Pitch assortment of pre-programmed pitch bar.

| Version | Phase 1 | Phase 2 | Phase 3 | Phase 4 | Phase 5 |
|---------|-----------------|-----------------|--------------------------|------------------------------------|-------------------|
| Metric | 2 holes : 80mm | 4 holes : 80mm | 4 holes : 45 - 65 - 45mm | 6 holes : 19 - 19 - 51 - 19 - 19mm | 34 holes : 8.47mm |
| Inch | 2 holes: 2 3/4" | 3 holes: 4 1/4" | 3 holes: 3 1/2" | 3 holes: 2 3/4" | 22 holes: 1/2" |

Paper drills for professional use

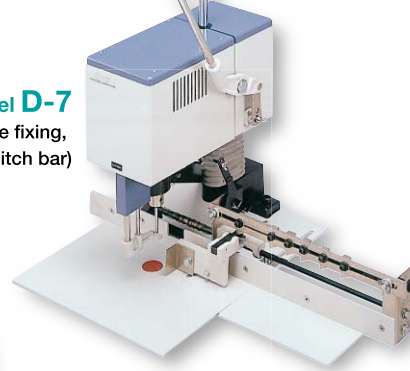
- For printing factory, bindery and in-house printing

Desk top type

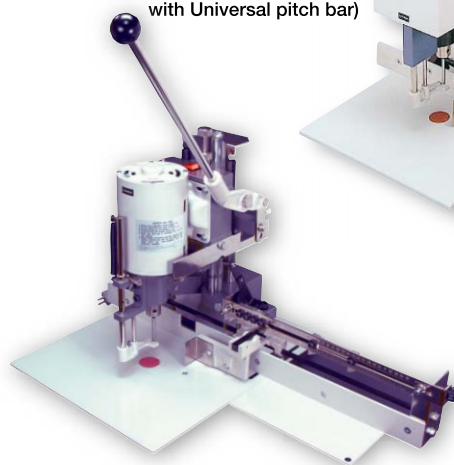
- Compact desk top type saves the working space
- High speed motor provides smooth and accurate drilling

1 spindle type

model D-7
(Table fixing,
with Universal pitch bar)



model D-5
(Table fixing,
with Universal pitch bar)



■ Specifications

| Model | D-5 | D-7 |
|----------------------------|---|-------------------|
| Maximum drilling thickness | 50mm | |
| Maximum paper size | 420mm (A3 longitudinal) | |
| Drilling diameter | 3 - 13mm (*1) | |
| Back margin | 5 - 215mm | |
| Side margin (*2) | 0 - 360mm | |
| Selection of pitch | Freely adjustable by universal pitch bar (*3) 80mm pitch :by satndard equipment of the pitch gauge | |
| Paper carriage | Manual (Table fixing) | |
| Table Size (W) x (D) | 560 x 420 (mm) | |
| Power source | 110, 120 or 230VAC / 50-60Hz | |
| Power Consumption | 200W | |
| Net weight | 45Kg | 46Kg |
| Dimensions (W) x (D) x (H) | 780 x 580 x 800mm | 785 x 580 x 782mm |
| Safety Standards | - CE (230VAC Version only) | |
| Optional pitch gauge | 1) 30holes, 9.5mm pitch 2) 23holes, 1/2"pitch 3) 40holes, 6.5mm pitch | |

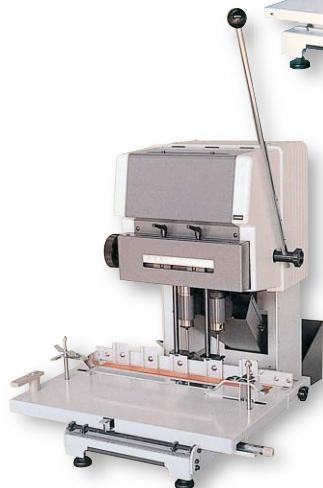
(*1) For 9-13mm drill bit, optional adapter is required.
(*2) Center of hole to side guide plate
(*3) 4 blocks adjustable to any positions.

2 spindle type

model D-200
(Table fixing,
with universal pitch bar)



model VS-200
(Table moving,
with Program pitch bar)



■ Specifications

| Model | VS-200 | D-200 |
|--|---|---|
| Number of head | 2 | 2 |
| | 2 synchronous movement | Right head: Fixed Left head: Movable |
| Maximum drilling thickness | 50mm | |
| Maximum paper size | 420mm (A3 longitudinal) | |
| Drilling diameter | 3-13mm | |
| Back margin | 5-60mm | |
| Selection of pitch | By pre-programmed pitch bar | Freely adjustable by universal pitch bar (*1) |
| Paper carriage | Manual (Table moving) | Manual (Table fixing) |
| Head distance | 40-142.5mm | |
| Drill bit height adjustment | Manually adjustable by standard tool (5mm) | |
| Twin head driving system | Timing belt | |
| Paper waste disposal | Natural emission to back side in waste basket | |
| Table Size (W) x (D) | 540 x 310mm | 560 x 390mm |
| Power source | 110, 120 or 230VAC/50-60Hz, Single phase | |
| Power Consumption | 300W | |
| Net weight | 65Kg | 68Kg |
| Dimensions (W) x (D) x (H) | 570 x 753 x 930mm | 785 x 753 x 930mm |
| Dimensions excluding handle and waste basket (W) x (D) x (H) | 570 x 580 x 650mm | 785 x 580x 650mm |
| Safety Standards | CE (230V version only) | |

(*1) 4 blocks adjustable to any positions.

Pitch assortment of pre-programmed pitch bar for VS-200

| Version | Phase 1 | Phase 2 | Phase 3 | Phase 4 | Phase 5 | Phase 6 |
|---------|---------------------|------------------------------|----------------|--------------------------|------------------------------------|-------------------|
| No. 1 | 2 holes : any pitch | Free for Universal pitch bar | 4 holes : 80mm | 4 holes : 45 - 65 - 45mm | 6 holes : 19 - 19 - 51 - 19 - 19mm | 34 holes : 8.47mm |

Floor type

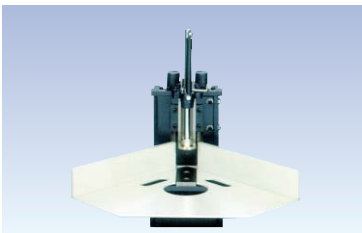
- Suitable floor type model is selectable from a wide range of machines.

Spindle stroke type



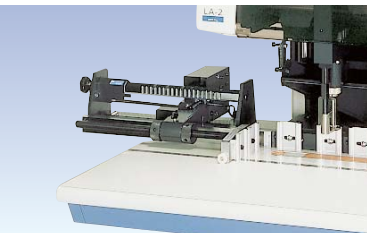
model LA-2

Accurate finish for factory use automatic drills.
Pitch pattern can be easily selected by Pre-program pitch bar.



Optional round corner unit

For rounding off corners of papers round corner unit can be mounted on the LA series drill.



Pre-programmed pitch bar

Pitch pattern can be easily selected by turning the preprogrammed pitch bar.

- model LA-2, LA-2W (2 spindles)
- model LA-4, LA-4W (4 spindles)
- model LA-3, LA-3W (3 spindles)
- model LA-5, LA-5W (5 spindles)

■ Specifications

| Model | LA-2 | LA-3 | LA-4 | LA-5 | LA-2W | LA-3W | LA-4W | LA-5W |
|-----------------------------|--|-------|-------|-------|---------------------------------------|-------|-------|-------|
| Number of head | 2 | 3 | 4 | 5 | 2 | 3 | 4 | 5 |
| Drilling system | Spindle stroke type | | | | | | | |
| Maximum drilling thickness | 50mm | | | | | | | |
| Drilling diameter | 3-13mm (*1) | | | | | | | |
| Back margin | 5-215mm | | | | 5-350mm | | | |
| Selection of pitch | Pre-programmed pitch bar | | | | | | | |
| Paper carriage | Manual | | | | | | | |
| Head distance | 38-310mm | | | | 38-400mm | | | |
| Drill bit height adjustment | Independently adjustable by standard tool (Adjustable distance : 25mm) | | | | | | | |
| Operation | Operated by foot switch | | | | | | | |
| Paper waste disposal | Natural emission to the side in waste basket | | | | Automatic suction to the waste basket | | | |
| Table Size (W) x (D) | 900 x 610mm | | | | 1200 x 800mm | | | |
| Power source | 220, 380, 400, 415VAC / 50 or 60Hz / 3phase | | | | | | | |
| Power Consumption | 1.5KW | | | | 1.65KW | | | |
| Net weight | 352Kg | 361Kg | 370Kg | 379Kg | 377Kg | 386Kg | 395Kg | 404Kg |
| Dimensions (W) x (D) x (H) | 1055 x 1030 x 1300 | | | | 1265 x 1210 x 1300 | | | |
| Safety Standards | - | | | | - | | | |
| Optional equipment | • Inverter to control the stroke speed | | | | | | | |
| | • Inverter to control the drill bit rotation speed | | | | | | | |
| | • Round corner unit | | | | | | | |
| | • Universal pitch gauge | | | | | | | |
| | • Spindle head for 9-13mm drill bit | | | | | | | |
| | • Caster base | | | | | | | |

(*1) For 9-13mm drill bit, optional spindle head is required. (This spindle can use 3-8mm drill bit by using adapter)

Pitch assortment of pre-programmed pitch bar

| | |
|---------|---|
| 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 : Centering of paper size from shorter side of B6 to Longitudinal of A3 paper |

Table lift
type

model LA-EX4
model LA-EX2
model LA-EX3



Speed control

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 the table.



Independent movement of 4 drilling heads

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



model SK-552 (Head distance: manual setting)
model SK-554 (Head distance: manual setting)



model SR-4X (Head distance: automatic setting)
model SR-4Y (Head distance: automatic setting)

High
performance
NC drills

- High performance NC drilling machine helps to increase productivity.
- Automatic paper carriage (X axis : All models, X & Y axis : SR-4Y)
- Automatic head distance setting (SR-4X and SR-4Y)
- Desirable pitch can be programmable by touch panel under interactive mode.

Specifications

| Model | SK-552 | SK-554 | SR-4X | SR-4Y |
|------------------------------|--|--------|--|-------------------------------|
| Number of head | 2 | 4 | | |
| Head distance adjustment | Manual 40 to 400mm | | Automatic (DC motor) Between outer two heads : 120-400mm Between inner two heads: 40-360mm | |
| | X -Axis : Automatic, Y-Axis : Manual | | | Both X and Y axis : Automatic |
| Moving range of center table | 35-525 (From table center to left paper guide) | | | |
| Drilling system | Spindle stroke type | | | |
| Maximum drilling thickness | 50mm | | | |
| Drilling diameter | 3-13mm (*1) | | | |
| Back margin | 5-350mm | | 5-400mm | |
| Drilling pattern | Programmable up to 80 patterns | | Programmable up to 120 patterns | |
| Drill bit height adjustment | Independently adjustable by standard tool (Adjustable distance : 25mm) | | | |
| Operation | Touch panel (LCD screen) | | | |
| Stroke speed | 8 steps adjustable | | | |
| Spindle rotating speed | 8 steps adjustable(option) | | | |
| Paper waste disposal | Automatic suction to the waste basket | | | |
| Table Size (W) x (D) | 1200x760mm | | 1200x810mm | |
| Power source | 200, 220, 380, 400, 415VAC / 50 or 60Hz / 3phase | | | |
| Power Consumption | 1.6KW | | | |
| Net weight | 430Kgs | 450Kgs | 470Kgs | 470Kgs |
| Dimensions (W) x (D) x (H) | 1200 x 1144 x 1326mm | | | |
| Safety Standards | - | | | |

(*1) For 9-13mm drill bit, optional spindle head is required. (This spindle can use 3-8mm drill bit by using adapter)

LA-EX series designed for taking ease of operation, high cost performance with accuracy and safety into consideration.

Specifications

| Model | LA-EX2 | LA-EX3 | LA-EX4 |
|-----------------------------|---|--|---|
| Number of head | 2 | 3 | 4 |
| Drilling system | Table lift type | | |
| Maximum drilling thickness | 65mm (*1) | | |
| Drilling diameter | 3-14mm (*1) | | |
| Back margin | 5-65mm | | |
| Selection of pitch | Freely adjustable by universal pitch gauge (*2) | | |
| Paper carriage | Manual | | |
| Head distance | 65 to 330mm | Between outer two heads : 90-330mm Between center and outer head : 45-165mm | Between outer two heads: 195-330mm Between inner two heads: 65-200mm |
| Drill bit height adjustment | Independently adjustable by standard tool (Adjustable distance : 5mm) | | |
| Operation | Operated by two push button or foot switch | | |
| Table lifting speed (*3) | Variably adjustable | | |
| Spindle rotating speed (*3) | Variably adjustable | | |
| Paper waste disposal | Natural emission to back side in waste basket | | |
| Table Size (W) x (D) | 1000x470mm | | |
| Power source | 220-240VAC/50 or 60Hz Single phase | | |
| Power Consumption | 1.5KW | | |
| Net weight | 200Kg | 210Kg | 220Kg |
| Dimensions (W) x (D) x (H) | 1220 x 660 x 1370mm | | |
| Safety Standards | CE | | |

(*1) Uchida can supply drill bit with diameter up to 13mm and depth up to 50mm in maximum.

Optional adaptor is required for 3mm drill bit.

(*2) 2 blocks adjustable to any positions.

(*3) The speed of table lifting and spindle rotation is changed synchronously by inverter.

Heavy Duty paper punch

- For Office
 - KN series punch can drill thickly piled papers very easily even it is a manual type.
- This is a strong puncher considering work efficiency, safety and energy saving.



model KN-8
(Capacity : 160 sheets/64gm²)

model KN-35
(Capacity : 390 sheets/64gm²)

Specifications

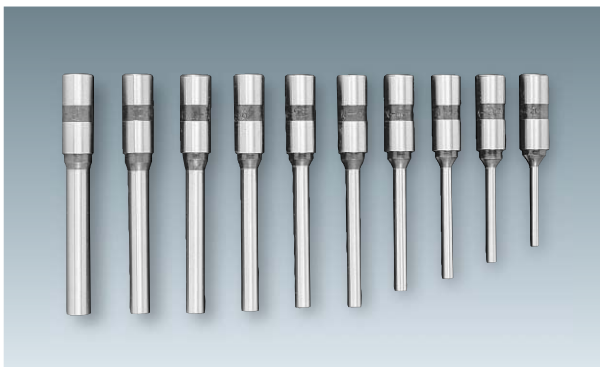
| Model | KN-35 | KN-8 |
|--|-------------------|-------------------|
| Maximum punching capacity | 35mm | 15mm |
| Punching capacity (64g/m ² paper) | 390 sheets | 160 sheets |
| Back margin | 12.7mm (fixed) | |
| Drilling diameter | 6.0mm | |
| Selection of pitch | 80mm (2 holes) | |
| Table Size (W) x (D) | 166 x 344mm | 136 x 280mm |
| Dimensions (W) x (D) x (H) | 218 x 418 x 536mm | 163 x 348 x 375mm |

Hollow drill bits

- Hollow type drill makes exceptionally beautiful drillingfinish.
- Teflon coated or Silicon coated drill bit can be offered.

Specifications

| Model | Applicable drill bit diameter |
|--|--|
| VS-10 and VS-15 | 4.0, 5.0, 5.5, 6.0mm |
| VS-20 and VS-25 | 4.0, 5.0, 6.0mm |
| VS-80 and KN punch | 6.0mm |
| VS-55, D5, D7, VS-200, D-200, LA-EX, LA, SR and SK | 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0 and 13.0mm |



Automatic drill bit sharpener

- Just inserting the drill bit (from 3mm to 8mm) in to the adjustable holder, drill bit is automatically sharpened in a few second.

Specifications

| | |
|-------------------------------|--|
| Applicable drill bit diameter | 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 8.0mm |
| Power source | 100, 117, 220, 240VAC, 50/60Hz |
| Power Consumption | 15W |
| Net weight | 4.2Kgs |
| Dimensions (W) x (D) x (H) | 87 x 190 x 125mm |



UCHIDA

Paper drills and Punches

Uchida's top-share paper drilling machine with a wide range of models and reliability



UCHIDA YOKO CO., LTD.

UCHIDA YOKO CO., LTD.

9-15, Shiomi 2-chome, Koto-ku, Tokyo, JAPAN
TEL:81-3-5634-6350
FAX:81-3-5634-6856 & 5634-6857
URL:http://www.uchida.co.jp/data2/overseas/
E-mail:overseas@uchida.co.jp