MACHINES OF HIGH PRECISION AND SUPERIOR PERFORMANCES
MACHINES EXTENSIVELY USED IN A WIDE VARIETY OF APPLICATIONS
MACHINES DESIGNED IN UTMOSS SAFETY AND EXCELLENT DURABILITY

PRODUCT GUIDE

SAKAMOTO ZOKI CO., LTD.
Features of SAKAMOTO ZOKI products

- High-speed numerically controlled continuous blanking machine
- Realize long-term blanking precision by adopting precision ball screw for table feed
- Keep Half-cut blanking precision on whole area, equipping precision-polished steel slide table as standard
- Set height adjustment on easy-to-see Color display in every 0.01mm (Minimum)
- Changeable press speed with 8 steps and capable of selection by materials on Color display
- Memorize 10,000 items (blanking data) on Color display
- Enriched maintenance display
- Capable of equipping SAKAMOTO's original CCD-image positioning system

CONTENTS

Crank-typed continuous blanking machine  Crank-typed servo cutter  11
For sheet material  2-6  Laser blanking machine  12
For roll material  7-9  Hydraulic blanking machine  13
Crank-typed single shot blanking machine  10  Automatic dimension measuring apparatus  14
BEST-SELLING MACHINE DESIGNED FOR HIGH SPEED, LEAST FLOOR SPACE AND ENERGY SAVING

Numerically controlled continuous blanking machine
QUEEN/865B/1215B
Sheet Type with Color Display Screen

Features and advantages
- Continuous blanking machine capable of blanking wide width material high-precisely
- Color display operation panel adopted for easy-to-see and use
- Die locking system by electric controlled Die holder, easy to exchange Die by one touch type
- Circulatory lubrication system incorporated

<865B/1215B>
- High-performance machine with enough rigidity and stable power
- Easy-to-use, high-precision and most suitable for blanking from middle-sized and large-sized precision parts

<QUEEN>
- Capable of shortening blanking time by realizing press capacity Max. 150 s.p.m.

<SCP865B/SCP1215B>
- High speed and highly accurate blanking materialized by servo motor-running reputed crank press
- Speed changeable on the bottom dead point
- Power consumption reduced by 50% against conventional design due to motor running under Die-cutting operation only
- Generation of dusts curbed to a minimum, usable in clean room

Option
- Servo-controlled height adjustment system (Continuous program of Full-cut/Half-cut)
- Height indication in 0.001mm
- Capable of lengthening slide table length (Max. material length 2,000mm)
- Trilingual display (Japanese/English/Chinese)

Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Effective blanking area (mm)</th>
<th>Material length (mm)</th>
<th>Stroke (mm)</th>
<th>Max. applied pressure (ton)</th>
<th>Capacity (s.p.m)</th>
<th>Power (kW)</th>
<th>Weight (kg)</th>
<th>Height (mm)</th>
<th>Table height (mm)</th>
<th>Installation space (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>QUEEN</td>
<td>750 × 500</td>
<td>1000</td>
<td>40</td>
<td>50</td>
<td>50 ~ 150</td>
<td>9.5</td>
<td>5500</td>
<td>1700</td>
<td>970</td>
<td>1860 × 4710</td>
</tr>
<tr>
<td>865B</td>
<td>750 × 500</td>
<td>1500</td>
<td>50</td>
<td>50</td>
<td>38 ~ 66</td>
<td>8.0</td>
<td>5500</td>
<td>1750</td>
<td>1030</td>
<td>2220 × 5560</td>
</tr>
<tr>
<td>865B High-speed</td>
<td>750 × 500</td>
<td>1500</td>
<td>50</td>
<td>40</td>
<td>48 ~ 90</td>
<td>8.0</td>
<td>5500</td>
<td>1750</td>
<td>1030</td>
<td>2220 × 5560</td>
</tr>
<tr>
<td>1215B</td>
<td>1100 × 600</td>
<td>1500</td>
<td>50</td>
<td>50</td>
<td>38 ~ 66</td>
<td>10.0</td>
<td>6500</td>
<td>1750</td>
<td>1030</td>
<td>2550 × 5640</td>
</tr>
<tr>
<td>SCP865B</td>
<td>750 × 500</td>
<td>1500</td>
<td>50</td>
<td>40</td>
<td>41 ~ 90</td>
<td>20.0</td>
<td>5500</td>
<td>1750</td>
<td>1030</td>
<td>1950 × 5560</td>
</tr>
<tr>
<td>SCP1215B</td>
<td>1100 × 600</td>
<td>1500</td>
<td>50</td>
<td>40</td>
<td>41 ~ 90</td>
<td>20.0</td>
<td>6500</td>
<td>1750</td>
<td>1030</td>
<td>2300 × 5640</td>
</tr>
</tbody>
</table>
THE MACHINE DESIGNED IN JUST COMPACT AND FOR EASIEST OPERATION

Features and advantages

- High-performance blanking machine designed reputable SAKAMOTO ZOKI model 865B more compact and space-saving
- High-precision, easy-to-use and most suitable for blanking small precision parts
- Color display operation panel adopted for easy-to-see and use
- Die locking system by electric controlled Die holder, easy to exchange Die by one touch type

Option

- Servo-controlled height adjustment system (Continuous program of Full-cut/Half-cut)
- Height indication in 0.001mm
- Capable of slide table length 1150mm (Material length 800mm)
- Trilingual display (Japanese/English/Chinese)

Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Effective blanking area (mm)</th>
<th>Material length (mm)</th>
<th>Stroke (mm)</th>
<th>Max. applied pressure (ton)</th>
<th>Capacity (s.p.m)</th>
<th>Power (kW)</th>
<th>Weight (kg)</th>
<th>Height (mm)</th>
<th>Table height (mm)</th>
<th>Installation space (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAL500 Standard</td>
<td>500 × 350</td>
<td>1000</td>
<td>40</td>
<td>20</td>
<td>50 ~ 120</td>
<td>4.3</td>
<td>2500</td>
<td>1480</td>
<td>890</td>
<td>1130 × 4080</td>
</tr>
</tbody>
</table>

Blanking samples
WELL APPLICABLE TO BLANKING SMALL-SIZED PRECISION PARTS

Features and advantages

- Down-sized in installation space by 40% compared with SAKAMOTO ZOKI small-sized model PAL500
- High-precision and easy-to-use, most suitable for blanking small-sized precise parts
- Power consumption reduced by 50% against conventional design due to motor running under Die-cutting operation only
- Speed changeable on the bottom dead point
- Generation of dusts curbed to a minimum, usable in clean room
- Color display operation panel adopted for easy-to-see and use
- Circulatory lubrication system incorporated

Option

- Servo-controlled height adjustment system (Continuous program of Full-cut/Half-cut)
- Height indication in 0.001mm
- Trilingual display (Japanese/English/Chinese)

Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Effective blanking area (mm)</th>
<th>Material length (mm)</th>
<th>Stroke (mm)</th>
<th>Max.-applied pressure (ton)</th>
<th>Capacity (s.p.m)</th>
<th>Power (kW)</th>
<th>Weight (kg)</th>
<th>Height (mm)</th>
<th>Table height (mm)</th>
<th>Installation space (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCP350B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Short</td>
<td>350 × 250</td>
<td>500</td>
<td>40</td>
<td>10</td>
<td>50～150</td>
<td>6.5</td>
<td>1400</td>
<td>1500</td>
<td>880</td>
<td>920 × 2510</td>
</tr>
<tr>
<td>Standard</td>
<td>350 × 250</td>
<td>700</td>
<td>40</td>
<td>10</td>
<td>50～150</td>
<td>6.5</td>
<td>1500</td>
<td>1500</td>
<td>880</td>
<td>920 × 2910</td>
</tr>
<tr>
<td>Long</td>
<td>350 × 250</td>
<td>1000</td>
<td>40</td>
<td>10</td>
<td>50～150</td>
<td>6.5</td>
<td>1600</td>
<td>1500</td>
<td>880</td>
<td>920 × 3710</td>
</tr>
<tr>
<td>SCP250B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Short</td>
<td>250 × 200</td>
<td>500</td>
<td>40</td>
<td>6</td>
<td>50～180</td>
<td>3.0</td>
<td>1200</td>
<td>1500</td>
<td>870</td>
<td>600 × 2670</td>
</tr>
<tr>
<td>Long</td>
<td>250 × 200</td>
<td>1000</td>
<td>40</td>
<td>6</td>
<td>50～180</td>
<td>3.0</td>
<td>1300</td>
<td>1500</td>
<td>870</td>
<td>600 × 3970</td>
</tr>
</tbody>
</table>
Features and advantages

- High-precision and easy-to-use, most suitable for blanking small-sized precise parts
- Power consumption reduced by 50% against conventional design due to motor running under Die-cutting operation only
- High speed blanking materialized by 150%, by servo motor-running reputable crank press
- Speed changeable on the bottom dead point
- Maximum power transmitted by servo motor direct connection system on driving section
- Color display operation panel adopted for easy-to-see and use
- Generation of dusts curbed to a minimum, usable in clean room
- Circulatory lubrication system incorporated

Option

- Servo-controlled height adjustment system (Continuous program of Full-cut/Half-cut)
- Height indication in 0.001mm
- Trilingual display (Japanese/English/Chinese)

Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Effective blanking area (mm)</th>
<th>Material length (mm)</th>
<th>Max. applied pressure (ton)</th>
<th>Stroke (mm)</th>
<th>Capacity (s.p.m)</th>
<th>Power (kW)</th>
<th>Weight (kg)</th>
<th>Height (mm)</th>
<th>Table height (mm)</th>
<th>Installation space (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCP600BD Standard</td>
<td>600 × 400</td>
<td>1000</td>
<td>20</td>
<td>40</td>
<td>50 ~ 180</td>
<td>16.0</td>
<td>3000</td>
<td>1510</td>
<td>900</td>
<td>1530 × 4620</td>
</tr>
</tbody>
</table>
HIGH PRECISION AUTOMATIC MATERIAL POSITIONING SYSTEM EQUIPPED AND THOROUGHLY SEEKED FOR CLEAN ROOM APPLICATION

■ Features and advantages

- High-precision and short time blanking realized by original image processing technology
- Easy to register images by electric-controlled CCD recognition camera position
- Color display operation panel adopted for easy-to-see and use
- Die locking system by electric controlled Die holder, easy to exchange Die by one touch type
- Circulatory lubrication system incorporated

- High speed and highly accurate blanking materialized by servo motor-running reputed crank press
- Speed changeable on the bottom dead point

■ Option

- Servo-controlled height adjustment system (Continuous program of Full-cut/Half-cut)
- Height indication in 0.001mm
- Trilingual display (Japanese/English/Chinese)

■ Applications

- Most suitable for blanking various films (polarized/reflection film, lens film), FPC etc., printing materials which are necessary for positioning, e.g. labels, stickers, nameplates, holograms, 3-D images

■ Image processing system

- Dissolved works of positioning printings and punching guide pin holes
- After setting work, the system measures deviation and corrects the position to the orientation then blank material

■ Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Effective blanking area (mm)</th>
<th>Material length (mm)</th>
<th>Max. applied pressure (ton)</th>
<th>Stroke (mm)</th>
<th>Capacity (s.p.m)</th>
<th>Power (kW)</th>
<th>Weight (kg)</th>
<th>Height (mm)</th>
<th>Table height (mm)</th>
<th>Installation space (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>QUEEN-APS Standard</td>
<td>750 × 500</td>
<td>750 × 800</td>
<td>50</td>
<td>40</td>
<td>50 ~ 150</td>
<td>11.5</td>
<td>6200</td>
<td>1700</td>
<td>990</td>
<td>1870 × 5270</td>
</tr>
<tr>
<td>865B-APS Standard</td>
<td>750 × 500</td>
<td>750 × 800</td>
<td>50</td>
<td>50</td>
<td>38 ~ 66</td>
<td>11.5</td>
<td>6200</td>
<td>1770</td>
<td>1060</td>
<td>2210 × 5270</td>
</tr>
<tr>
<td>SCP865B-APS Standard</td>
<td>750 × 500</td>
<td>750 × 800</td>
<td>40</td>
<td>50</td>
<td>41 ~ 90</td>
<td>12.0</td>
<td>6200</td>
<td>1770</td>
<td>1080</td>
<td>1570 × 5000</td>
</tr>
<tr>
<td>SCP600B-APS Standard</td>
<td>600 × 400</td>
<td>600 × 700</td>
<td>20</td>
<td>40</td>
<td>50 ~ 180</td>
<td>16.0</td>
<td>3700</td>
<td>1550</td>
<td>910</td>
<td>1300 × 5000</td>
</tr>
<tr>
<td>PAL500-APS Standard</td>
<td>500 × 300</td>
<td>500 × 700</td>
<td>20</td>
<td>40</td>
<td>50 ~ 120</td>
<td>6.0</td>
<td>3000</td>
<td>1520</td>
<td>910</td>
<td>1300 × 4250</td>
</tr>
<tr>
<td>SCP350B-APS Standard</td>
<td>350 × 250</td>
<td>350 × 600</td>
<td>10</td>
<td>40</td>
<td>50 ~ 150</td>
<td>8.0</td>
<td>2200</td>
<td>1500</td>
<td>920</td>
<td>1000 × 3970</td>
</tr>
</tbody>
</table>
Features and advantages

- Efficiency increased by positioning blanking roll material
- Positioning under Die achieved high-precision blanking compared with conventional machine
- Running press by combination of servo motor and ball screw
- Color display operation panel adopted for easy-to-see and use
- Die locking system by electric controlled Die holder, easy to exchange Die by one touch type
- Circulatory lubrication system incorporated

Option

- Capable of manufacturing large sized machine
- Height indication in 0.001mm
- Trilingual display (Japanese/English/Chinese)

Image processing system

- Dissolved works of positioning printings and punching guide pin holes
- After setting work, the system measures deviation and corrects the position to the orientation then blank material

Application

- Most suitable for blanking various function films, FPC, printing materials which are necessary for positioning, (labels, stickers, nameplates, holograms, 3-D images)

Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Effective blanking area (mm)</th>
<th>Mechanical stroke (mm)</th>
<th>Max. applied pressure (ton)</th>
<th>Blanking capacity (s.p.m.)</th>
<th>Power (kW)</th>
<th>Weight (kg)</th>
<th>Height (mm)</th>
<th>Table height (mm)</th>
<th>Installation space (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSP865E-APS</td>
<td>750 × 550</td>
<td>Max. 90</td>
<td>45</td>
<td>10 ～ 20</td>
<td>25.0</td>
<td>5000</td>
<td>2300</td>
<td>1150</td>
<td>2300 × 7500</td>
</tr>
<tr>
<td>SSP550E-APS</td>
<td>500 × 500</td>
<td>Max. 60</td>
<td>25</td>
<td>10</td>
<td>11.0</td>
<td>4800</td>
<td>2000</td>
<td>1150</td>
<td>2200 × 6000</td>
</tr>
</tbody>
</table>
CCD-CAMERA-APPLIED IMAGE PROCESSING SYSTEM
MODEL APS OR AUTOMATIC MATERIAL POSITIONING SYSTEM, TAKEN IN ONTO ROLL-FORMED MATERIAL FEEDING CONTINUOUS BLANKING MACHINES

Features and advantages

- Remarkably improved blanking speed by positioning blanking roll material
- Positioning under Die achieved high-precision blanking compared with conventional machine
- Usable in clean room by means of servo motor-running system
- Color display operation panel adopted for easy-to-see and use
- Circulatory lubrication system incorporated

Options

- Height indication in 0.001mm
- Trilingual display (Japanese/English/Chinese)

Application

- Most suitable for blanking small back light, films for LCD, FPC, printing materials which are necessary for positioning e.g. various films (polarized/reflection film, lens film), FPC, labels, stickers, nameplates, holograms, 3-D images

Image processing system

- Dissolved works of positioning printings and punching guide pin holes
- After setting work, the system measures deviation and corrects the position to the orientation then blank material

Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Effective blanking area (mm)</th>
<th>Mechanical stroke (mm)</th>
<th>Max. applied pressure (ton)</th>
<th>Blanking capacity (s.p.m.)</th>
<th>Power (kW)</th>
<th>Weight (kg)</th>
<th>Height (mm)</th>
<th>Table height (mm)</th>
<th>Installation space (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCP250E-APS</td>
<td>180 × 190</td>
<td>30</td>
<td>6</td>
<td>Max. 200</td>
<td>14.0</td>
<td>2500</td>
<td>1500</td>
<td>1000</td>
<td>1800 × 3000</td>
</tr>
<tr>
<td>SCP250E-APS (Compatible with Pinnacle and Metal Die)</td>
<td>160 × 180</td>
<td>30</td>
<td>6</td>
<td>Max. 140</td>
<td>14.0</td>
<td>2500</td>
<td>1500</td>
<td>1000</td>
<td>1800 × 3000</td>
</tr>
<tr>
<td>Metal Die</td>
<td>160 × 160</td>
<td>30</td>
<td>6</td>
<td>Max. 120</td>
<td>14.0</td>
<td>2500</td>
<td>1500</td>
<td>1000</td>
<td>1800 × 3000</td>
</tr>
</tbody>
</table>

SCP250E-APS
(2 Heads)
**SUITABLE FOR BLANKING ROLL MATERIAL**

**Features and advantages**

- Capable of blanking both sheet and roll material (Two-way type)
- Capable of connecting with various value-added instruments such as unwinding unit, winding unit, waste-winding unit, edge position control (EPC) system, dancer roll, feeding conveyor, product loader
- Material supply system
  - Synchronized front and rear nip roll mechanism, most suitable for high-speed feeding
  - Resin film conveyor feeding system, most suitable for sheet and soft material feeding
  - Grip feed mechanism, most suitable for high-precision feed
- Color display operation panel adopted for easy-to-see and use
- Die locking system by electric controlled Die holder, easy to exchange Die by one touch type
- Circulatory lubrication system incorporated

**Options**

- Height indication in 0.001mm
- Trilingual display (Japanese/English/Chinese)

**Specification**

<table>
<thead>
<tr>
<th>Model</th>
<th>Effective blanking area (mm)</th>
<th>Mechanical stroke (mm)</th>
<th>Max. applied pressure (ton)</th>
<th>Blanking capacity (s.p.m.)</th>
<th>Power (kW)</th>
<th>Weight (kg)</th>
<th>Height (mm)</th>
<th>Table height (mm)</th>
<th>Installation space (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCP350E</td>
<td>350 × 250</td>
<td>40</td>
<td>10</td>
<td>50 ～ 150</td>
<td>9.0</td>
<td>2800</td>
<td>1500</td>
<td>900</td>
<td>1000 × 3800</td>
</tr>
<tr>
<td>PAL500E</td>
<td>500 × 350</td>
<td>40</td>
<td>20</td>
<td>50 ～ 120</td>
<td>6.0</td>
<td>4000</td>
<td>1480</td>
<td>900</td>
<td>1580 × 4500</td>
</tr>
<tr>
<td>865E</td>
<td>750 × 500</td>
<td>50</td>
<td>50</td>
<td>38 ～ 90</td>
<td>11.0</td>
<td>6000</td>
<td>1750</td>
<td>1050</td>
<td>2300 × 6500</td>
</tr>
<tr>
<td>1215E</td>
<td>1100 × 600</td>
<td>50</td>
<td>50</td>
<td>38 ～ 66</td>
<td>13.0</td>
<td>7500</td>
<td>1750</td>
<td>1050</td>
<td>2600 × 6500</td>
</tr>
</tbody>
</table>

Numerically controlled continuous blanking machine

865E/1215E
Roll Type with Color Display Screen
THE MACHINE ENJOYING TIME-HONORED POPULARITY

- Electric controlled Die locking system incorporated
- Both-side polished auto table incorporated as standard
- Digital indication blanking pressure adjustment in every 0.01mm
- Circulatory lubrication system incorporated

### Features and advantages

#### Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Effective blanking area (mm)</th>
<th>Mechanical stroke (mm)</th>
<th>Max. applied pressure (ton)</th>
<th>Capacity (s.p.m)</th>
<th>Power (kW)</th>
<th>Weight (kg)</th>
<th>Height (mm)</th>
<th>Table height (mm)</th>
<th>Installation space (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH865</td>
<td>750 × 500</td>
<td>50</td>
<td>50</td>
<td>* 15</td>
<td>5.0</td>
<td>4500</td>
<td>1760</td>
<td>1030</td>
<td>2210 × 2150</td>
</tr>
<tr>
<td>PH1215</td>
<td>1100 × 600</td>
<td>50</td>
<td>50</td>
<td>* 15</td>
<td>5.0</td>
<td>5500</td>
<td>1760</td>
<td>1030</td>
<td>2500 × 2350</td>
</tr>
</tbody>
</table>

* Including table movement and press action

THE MACHINE TO SERVE THROUGH THIN AND THICK MATERIALS

- Full-cut specification
- Digital indication blanking pressure adjustment in every 0.01mm
- Auto table system is available as option

### Features and advantages

#### Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Effective blanking area (mm)</th>
<th>Mechanical stroke (mm)</th>
<th>Max. applied pressure (ton)</th>
<th>Capacity (s.p.m)</th>
<th>Power (kW)</th>
<th>Weight (kg)</th>
<th>Height (mm)</th>
<th>Table height (mm)</th>
<th>Installation space (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PW865</td>
<td>865 × 500</td>
<td>50</td>
<td>50</td>
<td>* 55</td>
<td>3.7</td>
<td>4000</td>
<td>1760</td>
<td>1020</td>
<td>2210 × 1730</td>
</tr>
<tr>
<td>PW1215</td>
<td>1215 × 600</td>
<td>50</td>
<td>50</td>
<td>* 55</td>
<td>3.7</td>
<td>4900</td>
<td>1760</td>
<td>1020</td>
<td>2560 × 2180</td>
</tr>
<tr>
<td>PW1430</td>
<td>1430 × 600</td>
<td>50</td>
<td>50</td>
<td>* 55</td>
<td>3.7</td>
<td>5400</td>
<td>1800</td>
<td>1020</td>
<td>2750 × 2350</td>
</tr>
</tbody>
</table>

* Press blanking only
SERVO CUTTER,
THE SWITCHOVER TO/FROM NIP-ROLL FEED SYSTEM/
AC SERVO BALL SCREWED TABLE FEED SYSTEM

Features and advantages

- 3 types of feeding systems; for roll material, for sheet material and for both roll and sheet material
- Usable in progressive blanking work by adopting ball screw for table feeding
- Changeable cutting height freely by means of servo motor controlled height adjustment system
- Usable multi-cavity Die by enough rigidity and applied pressure
- Speed changeable on the bottom dead point
- Both high-speed blanking, silence and low dust generation realized by means of servo motor
- Horizontal circular motion mechanism for material underlay to prevent burrs on cut products provided
- Color display operation panel adopted for easy-to-see and use
- Circulatory lubrication system incorporated

Option

- Roll stand and laminating unit
- Height indication in 0.001mm
- Trilingual display (Japanese/English/Chinese)

Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. cutting width (mm)</th>
<th>Effective blanking area (mm)</th>
<th>Mechanical stroke (mm)</th>
<th>Max. applied pressure (ton)</th>
<th>Capacity (s.p.m)</th>
<th>Power (kW)</th>
<th>Weight (kg)</th>
<th>Height (mm)</th>
<th>Table height (mm)</th>
<th>Installation space (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC600R</td>
<td>600</td>
<td>600 × 150</td>
<td>40</td>
<td>7</td>
<td>200</td>
<td>7.0</td>
<td>2700</td>
<td>1600</td>
<td>900</td>
<td>1500 × 1700</td>
</tr>
<tr>
<td>SC600T</td>
<td>600</td>
<td>600 × 150</td>
<td>40</td>
<td>7</td>
<td>200</td>
<td>7.0</td>
<td>2700</td>
<td>1600</td>
<td>900</td>
<td>1500 × 3800</td>
</tr>
<tr>
<td>SC600RT</td>
<td>600</td>
<td>600 × 150</td>
<td>40</td>
<td>7</td>
<td>200</td>
<td>8.0</td>
<td>2700</td>
<td>1600</td>
<td>900</td>
<td>1500 × 3800</td>
</tr>
<tr>
<td>SC1200R</td>
<td>1200</td>
<td>1200 × 150</td>
<td>40</td>
<td>7 (15)</td>
<td>200 (160)</td>
<td>8.0 (9.0)</td>
<td>3500</td>
<td>1600</td>
<td>900</td>
<td>2100 × 1700</td>
</tr>
<tr>
<td>SC1200T</td>
<td>1200</td>
<td>1200 × 150</td>
<td>40</td>
<td>7 (15)</td>
<td>200 (160)</td>
<td>8.0 (9.0)</td>
<td>3500</td>
<td>1600</td>
<td>900</td>
<td>2100 × 3800</td>
</tr>
<tr>
<td>SC1200RT</td>
<td>1200</td>
<td>1200 × 150</td>
<td>40</td>
<td>7 (15)</td>
<td>200 (160)</td>
<td>8.0 (10.0)</td>
<td>3500</td>
<td>1600</td>
<td>900</td>
<td>2100 × 3800</td>
</tr>
</tbody>
</table>

* This photo includes laminating unit as option

SAKAMOTO ZOKI CO., LTD.
NEW CUTTING TECHNOLOGY ESTABLISHED BY INTEGRATED THE TALTIES LASER OSCILLATOR AND ORIGINAL CONTROL TECHNOLOGY

Features and advantages

- High-speed and minute blanking work by galvanized mirror system
- Capable of adjustment 1/100mm of focus distance
- Capable of peeling glue smoothly and applicable for cutting fibers
- Non-dust from cutting side

Applications

- Blanking soft materials (film and adhesive material), e.g. insulated film
- Blanking new material and composite material, e.g. composite laminating material (soft material)
- Post-processing, prevention re-adhesion and separation
- Minute blanking, especially materials with a large number of small holes, e.g. medical tapes
- Hard and brittle material, e.g. ceramics, honeycomb material

Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Cutting area (mm)</th>
<th>Output (W)</th>
<th>Output range (W)</th>
<th>Laser length (micro mm)</th>
<th>Laser type</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC320</td>
<td>300 × 200</td>
<td>50</td>
<td>5 ~ 50</td>
<td>10.6</td>
<td>Enclosed CO₂ forced cooling type</td>
</tr>
</tbody>
</table>
BEST-SELLING HYDRAULIC BLANKING MACHINE

Hydraulic blanking machine HUPS150

■ Features and advantages
- Easy to handle and best-selling hydraulic blanking machine
- Multipurpose usage from small-sized and large-sized material

■ Applications
- Blanking paper, fabric, rubber packing, joint sheet, polyurethane foam, polyethylene foam, leather, felt, various films
- Wide range of usage from thin material to thick material

■ Option
- Half-cut spec., hot plate, laser marker

■ Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Effective blanking area (mm)</th>
<th>Mechanical Stroke (mm)</th>
<th>Max. applied pressure (ton)</th>
<th>Capacit y (s.p.m)</th>
<th>Power (kW)</th>
<th>Weight (kg)</th>
<th>Height (mm)</th>
<th>Table height (mm)</th>
<th>Installation space (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUPS100B</td>
<td>1160 × 1000</td>
<td>20~140</td>
<td>100</td>
<td>6</td>
<td>11.0</td>
<td>7000</td>
<td>1450</td>
<td>880</td>
<td>1790 × 3700</td>
</tr>
<tr>
<td>HUPS130B</td>
<td>1160 × 1000</td>
<td>20~140</td>
<td>130</td>
<td>6</td>
<td>11.0</td>
<td>7000</td>
<td>1450</td>
<td>880</td>
<td>1790 × 3700</td>
</tr>
<tr>
<td>HUPS100A</td>
<td>1410 × 1100</td>
<td>20~140</td>
<td>100</td>
<td>5</td>
<td>11.0</td>
<td>9000</td>
<td>1500</td>
<td>900</td>
<td>1800 × 3900</td>
</tr>
<tr>
<td>HUPS130A</td>
<td>1410 × 1100</td>
<td>20~140</td>
<td>130</td>
<td>5</td>
<td>11.0</td>
<td>9000</td>
<td>1500</td>
<td>900</td>
<td>1800 × 3900</td>
</tr>
<tr>
<td>HUPS150A</td>
<td>1410 × 1100</td>
<td>20~140</td>
<td>150</td>
<td>5</td>
<td>11.0</td>
<td>9500</td>
<td>1640</td>
<td>900</td>
<td>1800 × 3900</td>
</tr>
<tr>
<td>HUPS200</td>
<td>1410 × 1100</td>
<td>20~140</td>
<td>200</td>
<td>5</td>
<td>15.0</td>
<td>13000</td>
<td>1930</td>
<td>1190</td>
<td>1835 × 3950</td>
</tr>
<tr>
<td>HUPS250</td>
<td>1410 × 1100</td>
<td>20~140</td>
<td>250</td>
<td>5</td>
<td>15.0</td>
<td>13000</td>
<td>1930</td>
<td>1190</td>
<td>1835 × 3950</td>
</tr>
<tr>
<td>HUPS250S</td>
<td>1160 × 1200</td>
<td>20~140</td>
<td>250</td>
<td>5</td>
<td>15.0</td>
<td>14000</td>
<td>2130</td>
<td>1370</td>
<td>2210 × 4560</td>
</tr>
</tbody>
</table>
NON-CONTACT 2-D DIMENSION MEASUREMENT INSTRUMENT BY IMAGE POSITION DETECTION

● Small, light weight and easy to handle
● High-precision and speed measurement
● Incorporated image memory function, effective in condition observation and transmissible
● Capable of Excel (R) output measurement result and convenient for issuing test record
● Combination of auto measurement and semi-auto measurement capable of measuring almost parts

<Auto>
● Combination of auto measurement and semi-auto measurement capable of measuring almost parts

<Semi-auto>
● Corner, circle (radius, diameter, distance between centers), elongated hole (short diameter, long diameter), R cut (radius), U cut, C cut, sector

Applications
● Paper, fabric, rubber packing, joint sheet, polyurethane foam, polyethylene foam, leather, felt, various films, metal, Thomson Die

Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Outer dimension (mm)</th>
<th>Weight (kg)</th>
<th>Measurement range (mm)</th>
<th>Max. Height of measured object (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Width</td>
<td>Depth</td>
<td>Height</td>
<td></td>
</tr>
<tr>
<td>GS-1010</td>
<td>380</td>
<td>480</td>
<td>455</td>
<td>19</td>
</tr>
<tr>
<td>GS-3025</td>
<td>800</td>
<td>600</td>
<td>700</td>
<td>40</td>
</tr>
<tr>
<td>GS-6040</td>
<td>1100</td>
<td>800</td>
<td>800</td>
<td>85</td>
</tr>
<tr>
<td>GS-150120</td>
<td>2500</td>
<td>2000</td>
<td>1500</td>
<td>4000</td>
</tr>
</tbody>
</table>
SAKAMOTO ZOKI CO., LTD.

Head Office & Factory  3-9-5 Techno-stage, Izumi City, Osaka Pref. 594-1144
   Tel:  +81 (0)725 51 2251 (Key number)
          +81 (0)725 51 2191 (CSS Dept.)
          +81 (0)725 51 2271 (Factory-control Dept.)
   Fax:  +81 (0)725 51 2356

Tokyo Sales Office       4-23-29 Benten, Soka City, Saitama Pref. 340-0004
   Tel:  +81 (0)48 935 6461
   Fax:  +81 (0)48 935 6463

Shanghai Liaison Office  Rm.1005 Ruijin Bldg.,
   205 Mao Ming South Rd., Shanghai,
          P.R. of China 200020
   Tel:  +86 21 6473 6001
   Fax:  +86 21 6472 6870
   E-mail  dream@sakamotozoki.co.jp
   Home page http://www.sakamotozoki.co.jp