

**TRUSTEAM**

Alumi  
num  
Profile

**CUTTING  
Machine**

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**TRUSTEAM**

**Darling Machine Tools Co., Ltd.**

Add: No.18, Ln.35, Wuguang Rd., Wuri Dist., Taichung City 41470, Taiwan

TEL: +886 4 2337 6697

FAX: +886 4 2256 9203

e-mail: [sales@trusteam.com.tw](mailto:sales@trusteam.com.tw)

skype: trust.team

<http://www.trusteam.com.tw>



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**Darling Machine Tools Co., Ltd.**



Aluminum Cut Off Saw (Manual Type)

Technical Data :

- 1. For cutting aluminum materials and PVC materials with good finish
- 2. For cutting brass and copper thin profiles by HSS blades is available
- 3. Motor 2 HP/230V/50hz, 1phase-for ACS-400M  
Motor 2.5 HP/400V/50hz, 3phase-for ACS-450M
- 4. Blade speed 3000rpm
- 5. Cutting angle 45-90 degree
- 6. Without saw blade



Applications:

Especially for aluminum doors and windows, frames, aluminum materials, light boxes, screens, electronic parts, heat sink, audio panel, CPU, plastic steel, bakelite, paper tube and all kinds of precision cutting profiles.



Cutting capacity :

|                                  |                                       |   | ACS-400M    | ACS-450M      |
|----------------------------------|---------------------------------------|---|-------------|---------------|
| Cutting Capacity(mm)             | 0°<br>(90°)                           | ○ | 125         | 150           |
|                                  |                                       | □ | 110x110     | 135x135       |
|                                  |                                       | ▢ | 200x70      | 340x70        |
|                                  | 45°                                   | ○ | 120         | 145           |
|                                  |                                       | □ | 110x110     | 128x128       |
|                                  |                                       | ▢ | 160x60      | 260x50        |
| Blade Speed(RPM)                 | Single Phase(1PH)<br>Three Phase(3PH) |   | 3000<br>-   | -<br>3000     |
| Motor                            |                                       |   | 2HP         | 2.5HP         |
| Motor Transmission               |                                       |   | Belt        | Direct        |
| Head Rotation (Right to Left)    |                                       |   | 0°~45°      | 0°~45°        |
| Machine Weight N.W. / G.W. (kgs) |                                       |   | 85 / 100    | 141.5 / 154.5 |
| Packing Dimension (mm)           |                                       |   | 875x555x520 | 760x652x1130  |



ACS-400M



ACS-450M

Aluminum Rotary Angle Cut Off Saw (Semi-Auto Type)

MODEL: ACS-450SA

Technical Data :

- 1. Single head cutting off machine with semi-auto raising of the blade, lifting speeds are adjustable.
- 2. Possibility to perform trimming operations.
- 3. Three phase motor 2HP/3phase .
- 4. Without saw blade (blade diameter 450mm).
- 5. Blade speed 3000rpm/min.
- 6. Two vertical pneumatic clamping sets and two horizontal pneumatic clamping sets.

Applications:

Especially for aluminum extrusion, aluminum door frames, aluminum materials, light boxes, Acrylic, plastic, carbon fiber, electronic components, heat sink, audio panel, CPU, electricity boards, paper tube and each profile angle precision cutting.



Cutting capacity :

|                       |                  |   |  | ACS-450SA           |
|-----------------------|------------------|---|--|---------------------|
| Cutting Capacity(mm)  | 0°<br>(90°)      | ○ |  | 150                 |
|                       |                  | □ |  | 135x135             |
|                       |                  | ▢ |  | 340x70              |
|                       | 45°              | ○ |  | 145                 |
|                       |                  | □ |  | 128x128             |
|                       |                  | ▢ |  | 260x50              |
| Blade Speed(RPM)      | Three Phase(3PH) |   |  | 3000                |
| Motor                 |                  |   |  | 2HP                 |
| Machine Weight(kgs)   |                  |   |  | N.W. 243 / G.W. 255 |
| Packing Dimension(mm) |                  |   |  | 1050x805x1360       |

Aluminum Copy Routers for Windows & Doors

Application :

Processing various kinds of slot holes, pulley groove, door gutters, locks, shapes, cutouts in aluminum, copper alloy, acrylic plastic profiles for windows, doors accessories and etc. of building construction.

Manual single head copy router with:

- 1. Pneumatic clamps
- 2. Lubrication
- 3. Copy template



Technical Data :

|                    | ACR-200        | ACR-330        |
|--------------------|----------------|----------------|
| Working Capacity   | 200x200x110mm  | 330x150x130mm  |
| Fast Cutting       | 10000rpm/min.  | 12000rpm/min.  |
| 3 Phase Motor      | 0.5HP          | 1HP            |
| Operating Pressure | 6kg/cm         | 6kg/cm         |
| Machine Weight     | 90.5kg         | 137kg          |
| Packing Dimension  | 640x590x1830mm | 805x710x1780mm |



ACR-200



ACR-330

Aluminum Bending machine

MODEL: ABM

Technical Data :

Bending machine for forming arcs and circles simultaneously.  
Bending operations by two steps switch with reduction gearbox.  
Motor: 1.5HP, 400V/50HZ/3phase  
Packing dimensions: 760x710x1430 mm  
Weight: 156kg

Excluded :

Set 3 steel rollers for bending steel.



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CUTTING  
MACHINE

We optimize  
your production process  
with advanced window  
construction technology.