Shenzhen Superworker Technology Co., Ltd
Modular and Detail-Oriented Industrial Design
A higher Level of Reliability

CORPORATE PROFILE
Our Company

As the flagship in the packing machine industry, SUPERWORKER has been focusing on the design and development of supreme quality steel strapping packing machines used for pipe packing, plate packing, roll packing, etc.

SUPERWORKER’s engineers have been in the strapping packing machinery industry for more than 20 years in average, they helped SUPERWORKER come into form in the year 2011 and develop rapidly since then. We have been manufacturing patented automatic steel strapping machines which served top steel manufacturers and leading companies in other industries for years and exported to Russia, Turkey, and Indonesia. Famous clients include: Shougang Group, WISCO, CFHI, CNPT, MCC, etc.

SUPERWORKER offers a wide range of products and services:
- Automatic Steel Strapping Machines
- Integrated Packing Line Solution
- Maintenance of packing machines of all brands
- Supply of wearing parts and consumables

Certificates & Patents Obtained

Patent Protection:
1. automatic steel strapping head----patent#: ZL2011 2 0191561.6
2. automatic steel strapping machine----patent#: ZL 2011 2 0191578.2
3. strapping releaser----patent#: ZL 2011 2 0191571.X
4. DGRP-I type strapping releaser expansion and shrinkage structure----patent#: ZL 2012 2 0575463.7
5. DGRK-I type seamless notching structure----patent#: ZL 2012 2 0574996.2
6. DGR-II type automatic steel strapping head----patent#: ZL2012 2 0163981.2

Famous Clients
PRODUCTS & SERVICES

1. Automatic Strapping Machine
Widely used for strapping the heavy duty products, like steel or non-ferrous rolls, sheets, pipes, bars, rods, wood products, building materials.
Modular design for 24-7 reliability
Detail-Oriented industrial design with the best and thickest raw materials for all-day operation
Pneumatic + electric, hydraulic + electric or all electric design for all working conditions, Patented strapping joint to prevent loose connection during mass transportation. Simplified Operation and Maintenance

2. Integrated Packing Line Solution
We provide whole package solution for metal manufacturing plants, which is fully customized according to the products and working conditions. The equipments included in the solution are: fully automatic strapping machine, conveyor, walking beam, horizontal shear machine, automatic decoiler, cradle roll, automatic paper coil wrapper, automatic film coil wrapper, steel sheet coil wrapper, mechanical upender, coding machine, electric scale, etc.

3. Maintenance and Repair Services
Backed up by deep understanding of the strapping machine industry and years of experience serving metal factories. We are able to provide repair and maintenance services for all the brands of strapping machines available in the market. Whether it is deserted by your factory or it went defective, our engineers will bring it back to life and keep it running always.

4. Supply of wearing parts and consumables
We supply the consumables for both of our Superworker branded strapping machines and strapping machines of other major brands in the market, including strapping wheel, tensioner, strapping cutter, notching parts, etc.
DGR- I A
Spot Welding Joint Type Automatic Steel Strapping Machine

- For normal temperature working environment the loads is fine with resistance welding.
- Applicable products are: galvanized steel coil cold rolled coil, sheet pile, wood pile Aluminum ingot pile, steel ingot pile pipe pile, industrial scrap etc.
- Strapping Material: Steel Strap

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Specialties</th>
<th>Electrical Power</th>
<th>Pressure</th>
<th>Instant Air Consumption</th>
<th>Strapping Time</th>
<th>Joint Type</th>
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<tbody>
<tr>
<td>DGR- I A</td>
<td>The joint efficiency is approx. 70% of the breaking load of the strap</td>
<td>380V,AC 2.2kw</td>
<td>6bar</td>
<td>1.5L/s</td>
<td>28s/strapping</td>
<td>steel strap is connected via resistance welding, with 2.0-8mm welding spots in the middle of the steel strap</td>
<td>Max: 20000N (adjustable)</td>
<td></td>
<td>Minor maintenance every 6 months, overall maintenance every year, routine checks and maintenance</td>
<td>Any brand, medium or high quality 15mm width 25mm width 32mm width Thickness: 0.8-1.2mm</td>
</tr>
</tbody>
</table>

DGR- II A
Notched Closure Sealless Joint Type Automatic Steel Strapping Machine

- For ultra high temperature working environment and other complicated environments,
- Applicable products are: hot rolled metal coil, hot rolled metal sheets, galvanized steel coil, cold rolled coil, sheet pile, wood pile, Aluminum ingot pile, steel ingot pile, pipe pile, industrial scrap etc.
- Strapping Material: Steel Strap

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<tbody>
<tr>
<td>DGR- II A</td>
<td>The joint efficiency is approx. 80% of the breaking load of the strap</td>
<td>380V,AC 2.2kw</td>
<td>6bar</td>
<td>1.5L/s</td>
<td>28s/strapping</td>
<td>steel strap is connected via a notched closure without additional medium</td>
<td>Max: 20000N (adjustable)</td>
<td></td>
<td>Minor maintenance every 6 months, overall maintenance every year, routine checks and maintenance</td>
<td>Any brand, medium or high quality 15mm width 25mm width 32mm width Thickness: 0.8-1.2mm</td>
</tr>
</tbody>
</table>
DGR- II B
Flanged Notched Closure Sealless Joint Type Automatic Steel Strapping Machine

- For ultra high temperature working environment and other complicated environments,
- Applicable products are: hot rolled metal coil, hot rolled metal sheets, galvanized steel coil, cold rolled coil, sheet pile, wood pile, Aluminum ingot pile, steel ingot pile, pipe pile, industrial scrap etc.
- Strapping Material: Steel Strap

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</tr>
</thead>
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<tr>
<td>DGR- II B</td>
<td>Flanged Notched Closure Sealless Joint Type Automatic Steel Strapping Machine</td>
<td>The joint efficiency is approx. 80% of the breaking load of the strap, with flanged strapping overlap to prevent loose connection.</td>
<td>380V,AC 2.2kw</td>
<td>6bar</td>
<td>1.5L/s</td>
<td>32s/strapping</td>
<td>steel strap is connected via a notched closure, then the steel strapping will be flanged on both sides to increase breaking load and prevent tripping of closure, no additional medium needed.</td>
<td>Max: 20000N (adjustable)</td>
<td>strap feeding roller, tensiometer, strap cutter, grids.</td>
<td>minor maintenance every 6 months, overall maintenance every year, routine checks and maintenance.</td>
</tr>
</tbody>
</table>

DGR- III A
Automatic PET Strapping Machine

- For normal temperature working environment.
- Applicable products are: galvanized steel coil, cold rolled coil, sheet pile, wood pile, Aluminum ingot pile, steel ingot pile, pipe pile, industrial scrap, chemical fertilizer pile, building materials pile, grain pile, wood box, etc.
- Strapping Material: Plastic Polyester Strap

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<tr>
<td>DGR- III A</td>
<td>Automatic PET Strapping Machine</td>
<td>The joint efficiency is approx. 99% of the breaking load of the strap.</td>
<td>380V,AC 0.37kw</td>
<td>6bar</td>
<td>1.0L/s</td>
<td>28s/strapping</td>
<td>ultra-sound welding on the PET overlap, no additional medium needed.</td>
<td>Max: 20000N (adjustable)</td>
<td>strap feeding roller, tensiometer, strap cutter, grids.</td>
<td>minor maintenance every 6 months, overall maintenance every year, routine checks and maintenance.</td>
</tr>
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</table>
**DGR-IVA**

Seal Joint Type Automatic Strapping Machine

- For ultra high temperature working environment and other complicated environments,
- Applicable products are: hot rolled metal coil, hot rolled metal sheets, galvanized steel coil, cold rolled coil, sheet pile, wood pile, Aluminum ingot pile, steel ingot pile, pipe pile, industrial scrap etc.
- Strapping Material: Steel Strap

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<tbody>
<tr>
<td>DGR-IVA</td>
<td>The joint efficiency is approx. 65% of the breaking load of the strap</td>
<td>380V,AC 2.2kw</td>
<td>6bar</td>
<td>1.5L/s</td>
<td>28s/strapping</td>
<td></td>
<td>Max: 20000N (adjustable)</td>
<td>Strapping feeding roller tensiometer Strap, cutter, grab</td>
<td>minor maintenance every 6 months, overall maintenance every year, routine checks and maintenance</td>
<td></td>
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**DGR-V A**

Automatic TIG Welding Joint Type Steel Strapping Machine

- For normal temperature working environment, the loads is fine with argon arc welding.
- Applicable products are: galvanized steel coil, cold rolled coil, sheet pile, wood pile, Aluminum ingot pile, steel ingot pile, pipe pile, industrial scrap etc.
- Strapping Material: Steel Strap

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<td>DGR-V A</td>
<td>The joint efficiency is approx. 90% of the breaking load of the strap</td>
<td>380V,AC 2.2kw</td>
<td>6bar</td>
<td>1.0L/s</td>
<td>32s/strapping</td>
<td></td>
<td>Max: 20000N (adjustable)</td>
<td>Strapping feeding roller tensiometer Strap, cutter, welding handle, welding bottom plate</td>
<td>minor maintenance every 6 months, overall maintenance every year, routine checks and maintenance</td>
<td></td>
</tr>
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</table>
Mechanical Upender for Coil & Sheet

- Function: Can tilt the panel or coil
  Panel tilt: Tilt the panel for 180 degree
  Coil tilt: Tilt various coils with different specifications for 90 degree (e.g., steel coil, aluminium coils, wire coils, copper coils, molds, spools)

- Basic features
  1. PLC Control
  2. Multi-point interlocks control, ensure the safety of the product and machine in operation
  3. Frequency converter driven motor enables segmented speed control and makes the operation smoothly
  4. Big module sprocket driven by motor makes the operation stable and the transmit efficient
  5. Both automatic and manual operation are available, emergency stop button can stop the machine rapidly in case of emergency
  6. Open designing for convenient maintenance and examination
  7. Modularized designing saves time for the installing and shifting of the machine
  8. Mechanical upenders are available in standard configurations or may be custom engineered for your particular application

Coil Wrapper
Paper roller, paper feeder, paper presser, paper cutter, etc.

Walking Beam
There are 2 categories for walking beam by power supply; hydraulic walking beam and electric walking beam

Coil Cutting Machine
Thickness of the coil strapping: 1mm
Length of the coil strapping: 4m

Gantry Coil Carrier
Beam, lifting system, conveyor, coil lifter, coil rotation system, fixed saddle, etc.
Integrated Industrial Packing Line Solution

Common Layout
Product Advantages

Simple Installation
Some of our equipments needs only 4 screws for positioning before the fast installation

Dependable Performance
Keeping a surprisingly low defective record after year-round running

Easy Repair
Modular design, minimum affects on other parts or the strapping station when it comes to repair

Any Steel Strapping
Comparing with those automatic strapping machines require top quality steel strappings, our steel strapping machine works with the steel strappings of any quality level

Superworker Guarantees

Quality Guarantee
If you tried our strapping machines and find its performance not satisfactory, we will give you a full refund and send a hammer to you, please use it to destroy the machine.

Warranty
We offer one year warranty and lifetime maintenance on the strapping machines of our own brand

Repair Service
1. We can bring your deserted automatic strapping machines back to life and make sure it runs well always.
2. We can provide repair service for your defective strapping machines, and charge when you are happy with the result.
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