

PRCN - One step beyond

Robustness, reliability, precision and performance make PRCN an election model.



PRCN

EXCELLENCE IN BENDING

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dm
DELAHENTY
MACHINERY

MACHINE TOOL MERCHANTS SINCE 1964

RICO[®]
Precision Ideas

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UNMATCHED PERFORMANCE

PRCN is a press brake designed to achieve the best result in sheet metal bending process.

After several years developing the **PRCN** model, this innovative solution is the best solution to perform work involving the most demanding requirements.





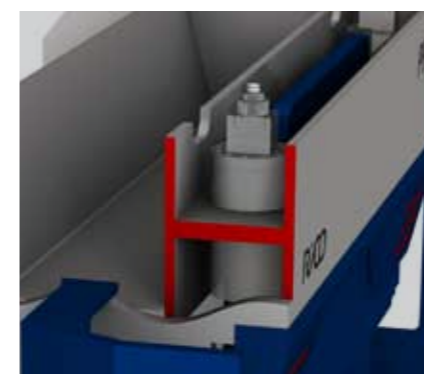
ADVANTAGES

Accuracy, Versatility and Productivity

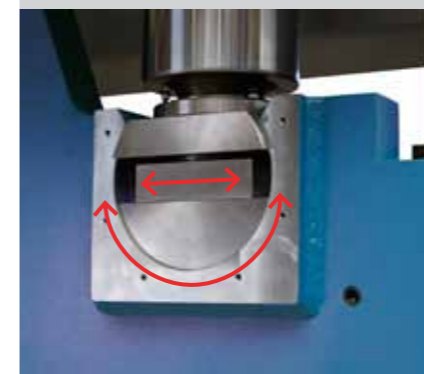
WHAT MAKES THE DIFFERENCE IN PRCN?



- / Outstanding bending precision and repeatability;
- / The RICO's exclusive structural concept is vital to ensure added value to the customer, as result of the combination of an extremely robust frame manufactured following the H Box Frame system, Triple Guide upper ram system and Swaybend cylinder fixing system;
- / Extremely quick cycle times due to the high speed of the upper ram and back gauge equipped with ball screws and high-performance brushless servo motors, thereby ensuring very accurate and competitive results;
- / Highly customizable machinery configured in accordance with each company's needs;
- / Excellent dimensional characteristics: wide opening, cylinder stroke and throat depth, to ensure deep and tight bending with no risk of collision;
- / A wide range of tools and systems for punches and dies fast clamping, ensuring complex bending operations and short setup times.



- / H-BOX FRAME: A GUARANTEE OF PRECISION**
- Placing the cylinders closer fixed to an upper H shaped monoblock frame, it will be ensured 60% less structural deformation, providing greater uniformity in the distribution strain, when loaded;
 - PRCN performs better when used in decentralised or multi-station bending operations.



- / SWAYBEND SYSTEM: ADDITIONAL VERSATILITY**
- The upper ram, in contact with the cylinder rods by means of special rotary joints, in addition to a triple guide system, ensure exceptional levels of inclination;
 - Conical bending, usually presenting significant different angles between tips are now perfectly makeable.



- / ENERGY EFFICIENCY: EFFECTIVE SAVINGS**
- **Standby Function:** the energy saving function is activated automatically whenever the machine didn't make a cut in the last 5 minutes, even if it is being programmed.

- / TRIPLE GUIDE**
- The upper ram guiding system operates by means of a triple guide system (one central and two on the sides);
 - Reduces the deformation of the ram in the transversal direction during the bending operation.



Differentiated advantages of PRCN

2 YEAR WARRANTY



RANGE

The PRCN range is **fully configurable following the customer's need.**

The standard range features models with capacities varying from 70 to 500 ton.

Furthermore, RICO is capable of building machinery with different configurations upon customers' request.

| PRCN Range | | | | | | |
|--------------------|------|------|------|------|------|------|
| Length Capacity | 2100 | 2600 | 3100 | 3600 | 4100 | 6100 |
| 70 Ton | • | • | • | | | |
| 100 Ton | | • | • | • | • | |
| 135 Ton | | | • | • | • | •• |
| 160 Ton | | | • | • | • | •• |
| 200 Ton | | | • | • | • | •• |
| 250 Ton | | | •• | •• | •• | •• |
| 300 Ton | | | •• | •• | •• | •• |
| 400 Ton | | | | •• | •• | |
| 450 Ton | | | | •• | •• | |
| 500 Ton | | | | •• | •• | |

- I-Line
- C-Line

NOTE
All models allow its integration in robotic cells.
All models may be used in Tandem or Tridem system.



/ AFTER-SALE SERVICE

RICO's policy is based on an accurate selection of its components in accordance with the huge experience acquired over the years. All the company's components are certified in accordance with European Standards. RICO enriches its service by means of quality and proximity to the customer. The competence and experience acquired as manufacturer are key factors for the solutions provided and results achieved. Being RICO's customer is to have a service of excellence on previous and after-sale counseling and support. We believe that technical assistance is vital to the best equipment performance and, as such, we decided to provide free lifelong training to all our customers since 2007.

We guarantee immediate intervention for all emergencies, both regarding mechanical failure as well as training or clarification of doubts. We employ highly skilled and experienced technicians to provide customers with the best advice, searching for the best metal plate cutting and shaping solutions. We provide our customers with a qualified technical service, working in line with the following goals:

- Problems solution at the first contact;
- Quick answer;
- Assured quality.



STANDARD EQUIPMENT

- / Delem DA 66T CNC control
- / 4 automatic axes: Y1+Y2+X+R
- / 2 manual axes: Z1+Z2
- / Standard BGA back gauge equipped with ball screws and brushless motor
- / Sheet metal frontal supports, SFS
- / Swaybend upper ram supported by two rotating joints in oil bath
- / Front cover: Akas LC-II F safety laser (Category IV)
- / Rear cover: Safety barriers (Category IV)
- / CNC hanging swivel control panel (C-line)
- / CNC mobile vehicle control panel (I-line)
- / Self-centered table
- / Front and rear lighting
- / Offline software Delem Profile-TL
- / Standby Function



OPTIONAL EQUIPMENT

. Controls

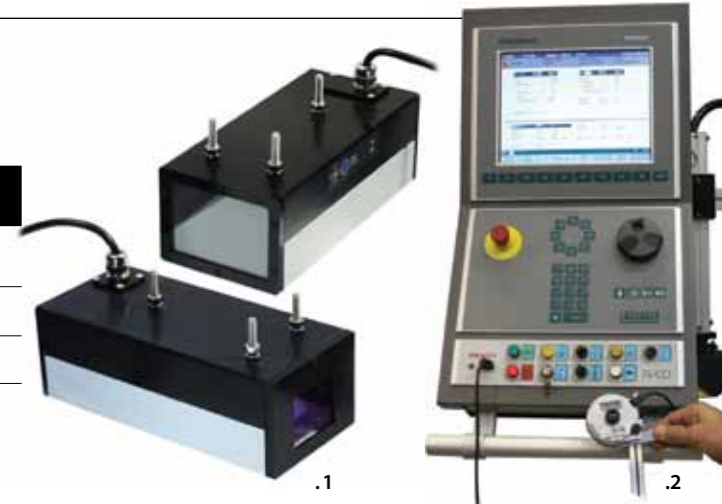
| DELEM | Axes | Screen | 2D graphic view | 3D graphic view | 3D graphical programming | Automatic bending sequence | Touch screen | DXF import | CYBELEC |
|-------------------|------|--------|-----------------|-----------------|--------------------------|----------------------------|--------------|------------|------------|
| DA-66T (standard) | 8 | 17" | ✓ | ✓ | X | ✓ | ✓ | ○ | ModEva 15T |
| | 8 | 15" | ✓ | ✓ | X | ✓ | ✓ | X | |
| DA-69T | 8 | 17" | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ModEva RA |
| | 8 | 15" | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |

✓ Available X Unavailable ○ Optional



. Angle measurers

| MODEL | Lasersafe IMG angle control (.1) | React (.2) |
|----------------------|---------------------------------------|--------------------|
| TYPE | Digital camera with angle measurement | Digital protractor |
| AUTOMATIC CORRECTION | Yes | No |
| OBS. | Accuracy up to + - 0.25 degrees | - |



. Back gauges

/ BGA

| | |
|--------------|-----------------------------------|
| BGA 2 | 2 axes X+R (Standard) |
| | 4 axes |
| BGA 4 | X+R+Z1+Z2 (Optional) |
| | 5 axes |
| BGA 5 | X+R+Z1+Z2+X5 (Optional) |

| Axes | X | R | Z1 | Z2 | X5 |
|-------------------|------------|------------|----------------|----------------|------------|
| Stroke (mm) | 750 (1000) | 150 | Under request* | Under request* | 190 |
| Speed (mm/s) | 500 | 170 | 2000 | 2000 | 300 |
| Precision (mm) | 0.05 | 0.10 | 0.10 | 0.10 | 0.05 |
| Type of motor | Brushless | Brushless | Brushless | Brushless | Brushless |
| Mechanical system | Ball screw | Ball screw | Belt | Belt | Ball screw |

. Laser safety systems

| Model | Type | St Op | Distance from table | Automatic adjustment | Fast bend speed management | Automatic Tool Scan | |
|---------------|---------------|----------------------|----------------------|----------------------|----------------------------|---------------------|---|
| AKAS-II F | Laser | - | 11 mm | X | X | X | |
| | AKAS-II M | Laser | ○ | 11 mm | X | X | X |
| | | Laser | ○ | 11 mm | ✓ | X | X |
| LZS-LG-HS | Dual Laser | ○ | 6 mm | X | X | X | |
| | LZS-005 | Block Laser / Camera | ○ | 2 mm | X | X | ✓ |
| | | IMG-100 | Block Laser / Camera | ○ | 2 mm | X | ✓ |

✓ Yes X No - Standard ○ Optional

/ ATF



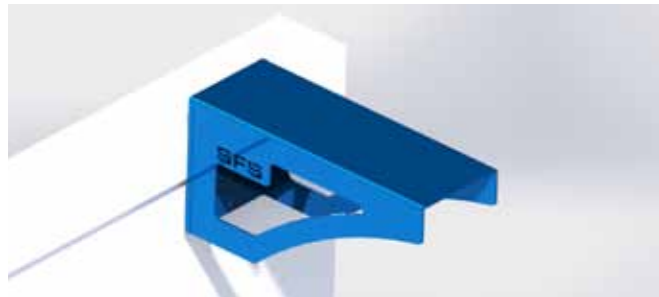
| Axes | X1 | X2 | R1 | R2 | Z1 | Z2 |
|-------------------|------------|------------|------------|------------|-----------|----------------|
| Stroke (mm) | 750 | 750 | 200 | 200 | * | Under request* |
| Speed (mm/s) | 500 | 500 | 500 | 500 | 1200 | 1200 |
| Precision (mm) | 0.05 | 0.05 | 0.05 | 0.05 | 0.4 | 0.4 |
| Type of motor | Brushless | Brushless | Brushless | Brushless | Brushless | Brushless |
| Mechanical system | Ball screw | Ball screw | Ball screw | Ball screw | Belt | Belt |

. Supports

The sheet metal holder systems ensure less operators' efforts when repeatedly handling heavy plate, allowing greater accuracy when positioning the sheet metal close to the tool and back gauge.

/ SFS

- . Supported on any position of the clamps;
- . Manual height regulation.



/ SFA

- . Supported on sliding guides;
- . Can be placed at any point along the length;
- . Manual height regulation;
- . Millimetric scale;
- . Ball transfer units to facilitate handling parts;
- . Adjustable plate stop;
- . Device for approaching the die;
- . Removable supports.



/ SFH

- . Supported on sliding guides;
- . Continuous manual height regulation;
- . Millimetric scale;
- . Ball transfer units to facilitate handling parts;
- . Adjustable plate stop;
- . Load capacity – 2000 kg/support.



/ ACF1 | ACF2

- . Automatic bending follower supports;
- . Controlled by CNC;
- . Recommended for heavy parts or large thin plate;
- . Assistant operator free;
- . Supported on longitudinal sliding rails;
- . Wheel controlled height regulation;
- ACF1 160 kg per support | ACF2 360 kg per support.





/ SPA

SPA supports are installed in the fingers of the back gauge. They can be activated in pre-defined bending and enable the plate to slide until it lies adjacent to the back gauge.




. Quick clamping

Quick punch clamping system

| Model | Type | |
|---------------|------------|---|
| Speed Grip | Mechanical |  |
| Speed Grip PN | Pneumatic |  |

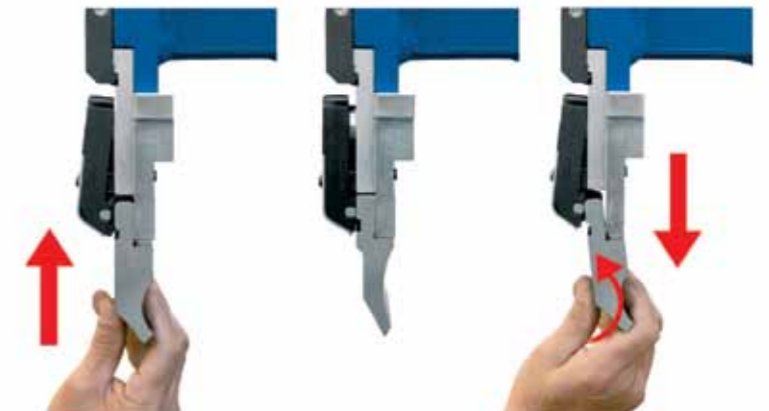
- . The punch may be installed from the front.

Quick die clamping system

| | | |
|----------|-----------|--|
| ROL2 PN | Pneumatic |  |
| ROL2 HYD | Hydraulic | |

/ SPEED GRIP SYSTEM

The speed grip system reduces the time spent changing tools by 8.5 times compared with traditional systems.



. RICO LED Techbar

Smart LED position indicator controlled by CNC, providing the worker where to position the tools correctly.



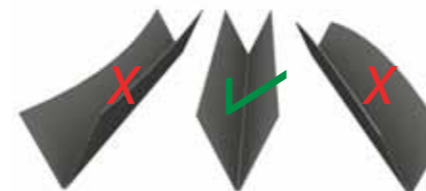
. Tool Rack

| | |
|-------|-----------|
| ARM 1 | 4 Shelves |
| ARM 2 | 8 Shelves |



Crowning table

This system enables the user to offset deformations of the beam while bending. Thus, the angle is keeping constant along the entire plate length.



WILA



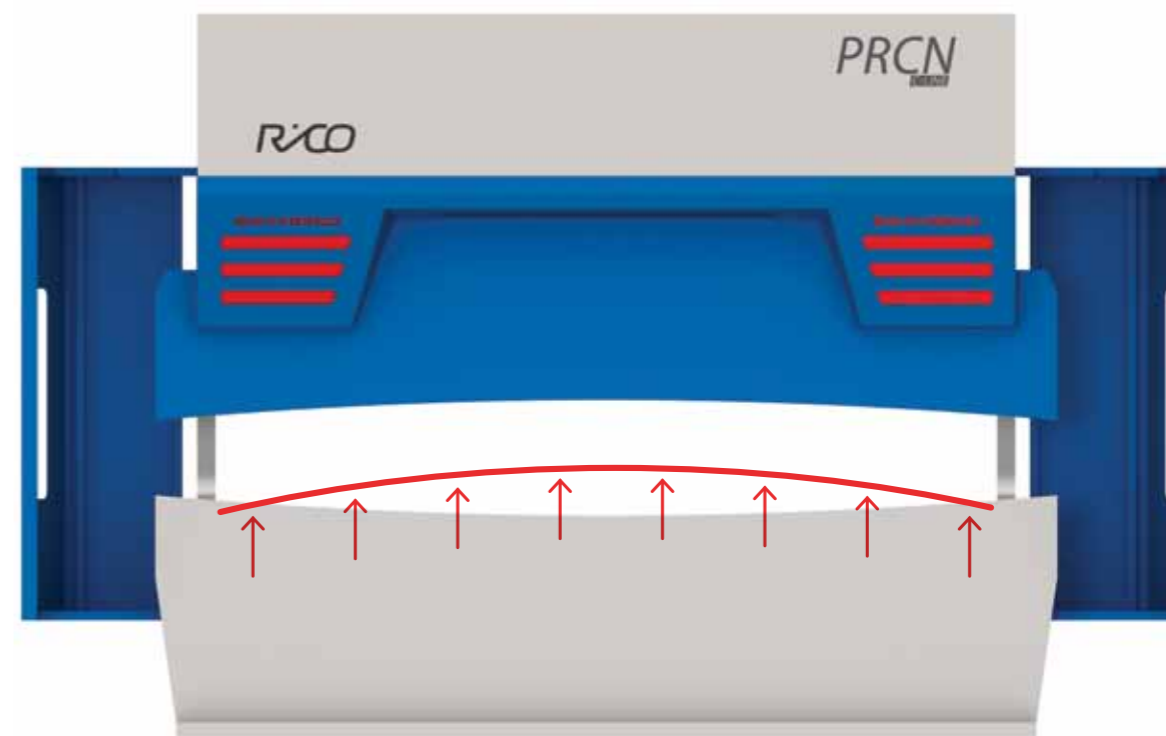
RICO



. RICOBEND Software

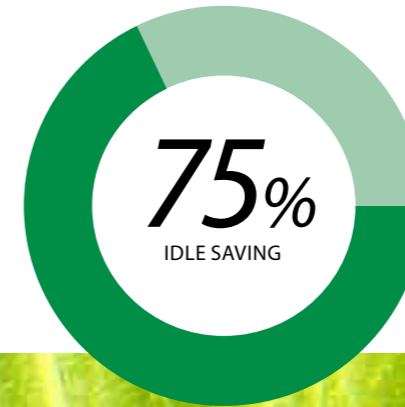
This software features offline programming by importing files in different formats. RICOBEND's powerful 3D simulation tool enables it to simulate all the possible bending sequences, select the tools, define the stop position and safely detect collisions. Once RICOBEND has been programmed, the software delivers the file to the equipment's numerical control panel, which is then configured to execute the work immediately.

RICOBEND allows the introduction of software providing from other kind of machinery such as Laser, Plasma or Punching systems, among others.



RICO GREEN

RICO promotes a friendly environmental policy, and, as such, all our equipment features the *Standby Function*. This function leads to the automatic stop of the power after 5 consecutive minutes of inactivity. *Standby Function* ensures an effective economy of energy on an automatic basis.

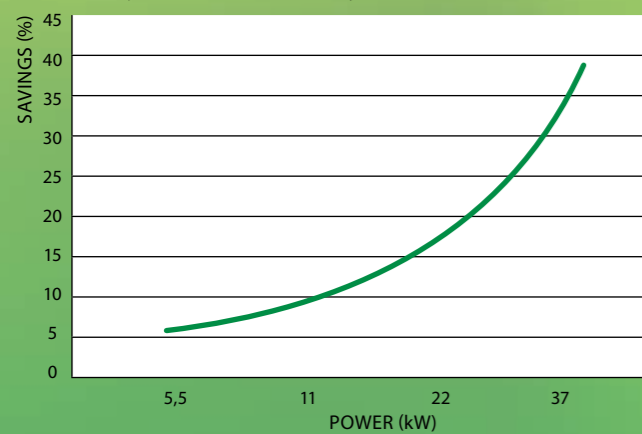


**RICO GREEN,
Integrated Nature**

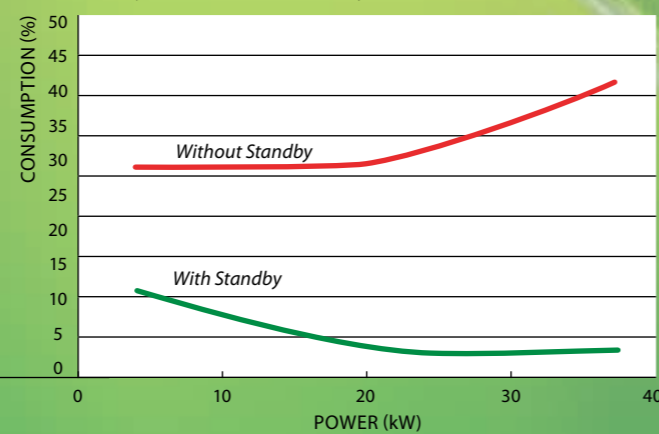
*Developing in line
with sustainability and
environmental concern*



Energy savings with Standby taking into account the power



Energy savings with Standby taking into account the power



TANDEM INTEGRATION

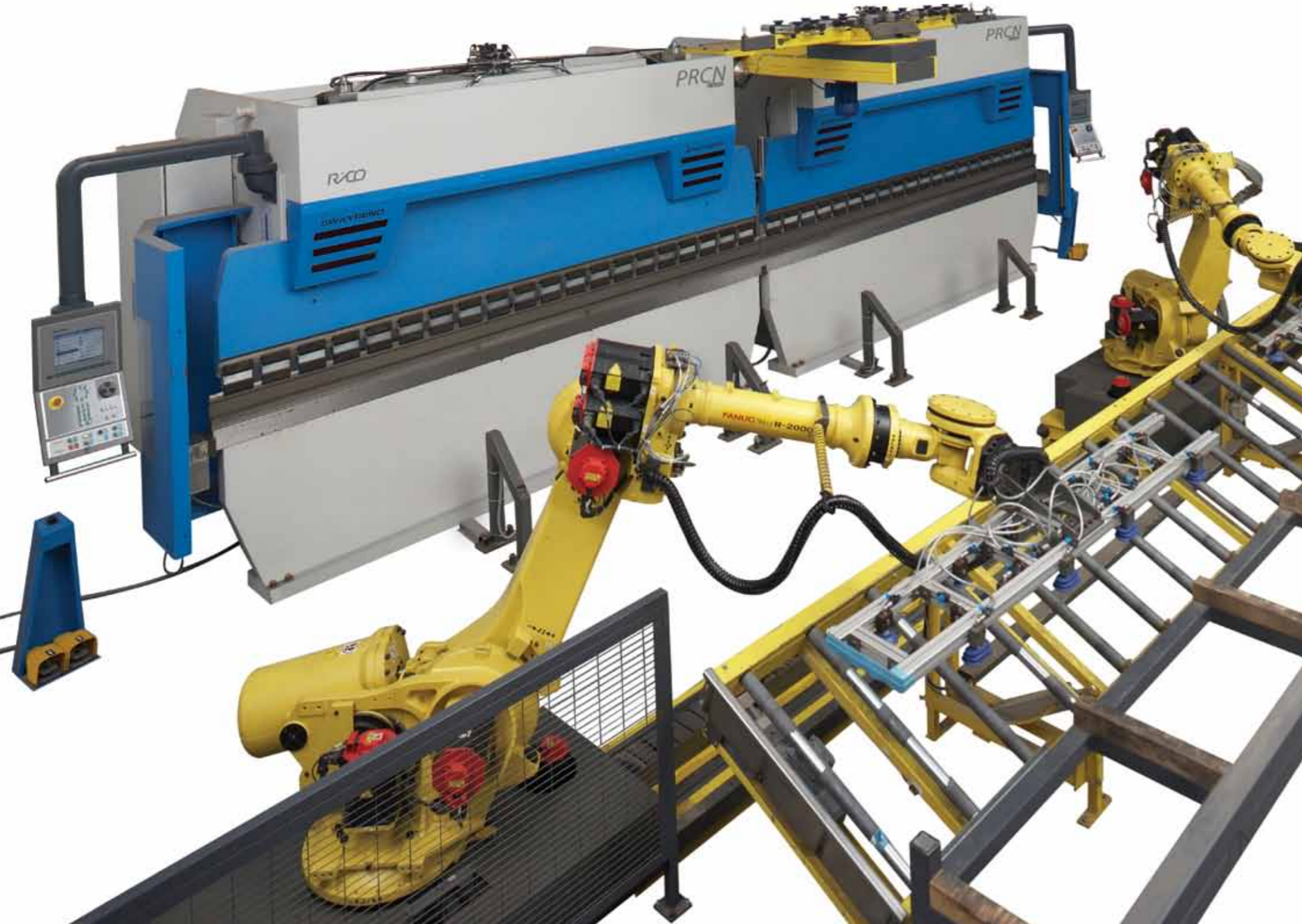


Two press brakes may be used in tandem when bending large lengths. This system enables the user to synchronise the **two machines to guarantee the same speed and precision.**

The **Tandem system** enables the two machines to be operated in a synchronised manner or independently.

ROBOTIZED CELLS INTEGRATION

The PRCN press brake is designed to allow for the introduction of robotic cells developed in accordance with the needs of each project.



RICO PRESS BRAKES RANGE

RICO offers 3 models of Press Brakes with different configuration but with a common characteristic, **high quality**. The decision to purchase must focus on choosing the most appropriate equipment for the job to be done, taking into account the gain of each of them.

. PRCN C-LINE



. PRCN I-LINE



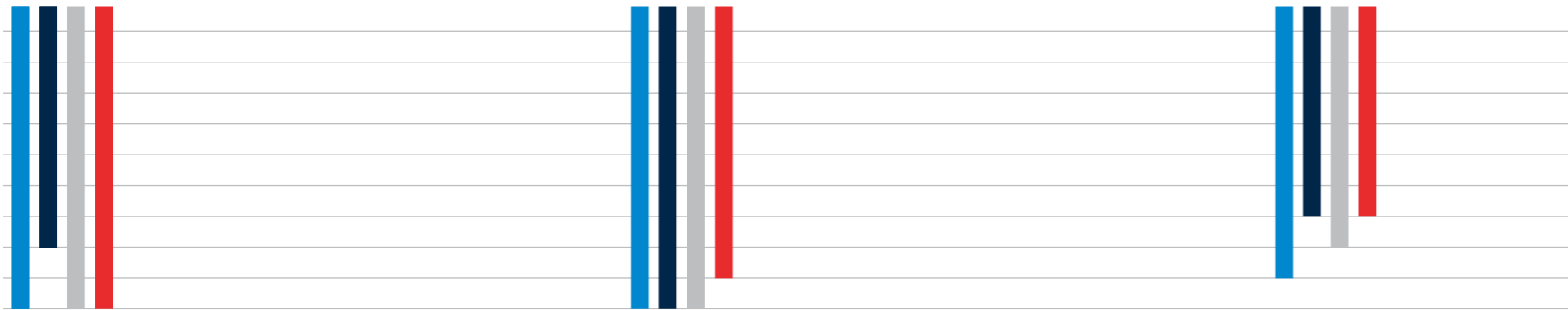
. PRCB



. OTHER ELEMENTS

| | STANDARD CONTROL | STANDARD AXES | SWAYBEND | H-BOX FRAME | TRIPLE GUIDE |
|-------------|------------------|---------------|----------|-------------|--------------|
| PRCB | Delem DA-52 | 3 | X | X | X |
| PRCN I-Line | Delem DA-66T | 4 | ✓ | ✓ | ✓ |
| PRCN C-Line | Delem DA-66T | 4 | ✓ | ✓ | ✓ |

✓ Yes X No

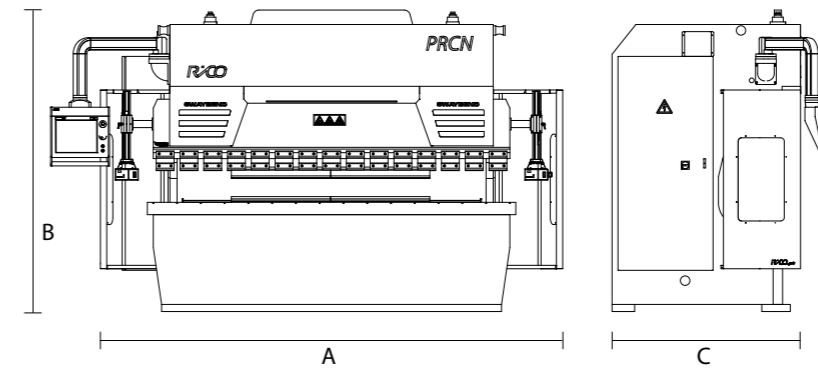


■ Accuracy
■ Speed
■ Structural Performance
■ Stroke range



TECHNICAL SPECIFICATIONS

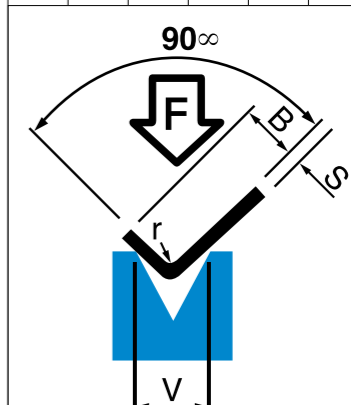
| Model | Bending length | Tonnage | Throat Depth | Beam Stroke | Daylight | Beam Speed | | | Oil Capacity | Back Gauge Stroke | Motor Power | Dimensions | | | | | Approx. Weight |
|------------|----------------|---------|--------------|-------------|----------|------------|-------------------------|--------------|--------------|-------------------|-------------|------------------|------------------|-----------------|-------------------------|------------------------|----------------|
| | | | | | | Fast Speed | Slow Speed (Work Speed) | Return Speed | | | | Total Length (A) | Total Height (B) | Total Width (C) | Distance Between Frames | Height Under the Floor | |
| I-Line | mm | ton | mm | mm | mm | mm/s | mm/s | mm/s | Lts | mm | kW | mm | mm | mm | mm | mm | kg |
| PRCN 2070 | 2100 | 70 | 300 | 300 | 500 | 190 | 0-10 | 130 | 125 | 750 | 5.5 | 2980 | 2630 | 1560 | 1600 | 0 | 5400 |
| PRCN 2570 | 2600 | 70 | 300 | 300 | 500 | 190 | 0-10 | 130 | 125 | 750 | 5.5 | 3480 | 2630 | 1560 | 2100 | 0 | 6170 |
| PRCN 3070 | 3100 | 70 | 300 | 300 | 500 | 190 | 0-10 | 130 | 125 | 750 | 5.5 | 3980 | 2630 | 1560 | 2600 | 0 | 6555 |
| PRCN 25100 | 2600 | 100 | 400 | 300 | 500 | 180 | 0-10 | 130 | 125 | 750 | 7.5 | 3500 | 2670 | 1670 | 2100 | 0 | 7340 |
| PRCN 30100 | 3100 | 100 | 400 | 300 | 500 | 180 | 0-10 | 130 | 125 | 750 | 7.5 | 4000 | 2670 | 1670 | 2600 | 0 | 8940 |
| PRCN 30135 | 3100 | 135 | 400 | 300 | 500 | 200 | 0-10 | 130 | 160 | 750 | 11 | 4020 | 2760 | 1680 | 2600 | 0 | 10265 |
| PRCN 30160 | 3100 | 160 | 400 | 300 | 500 | 190 | 0-10 | 130 | 160 | 750 | 15 | 4020 | 2910 | 1850 | 2600 | 0 | 11195 |
| PRCN 30200 | 3100 | 200 | 400 | 300 | 500 | 180 | 0-10 | 130 | 200 | 750 | 18.5 | 4040 | 2920 | 2000 | 2600 | 0 | 14385 |
| PRCN 35100 | 3600 | 100 | 400 | 300 | 500 | 180 | 0-10 | 130 | 125 | 750 | 7.5 | 4500 | 2670 | 1670 | 3100 | 0 | 9930 |
| PRCN 35135 | 3600 | 135 | 400 | 300 | 500 | 200 | 0-10 | 130 | 160 | 750 | 11 | 4520 | 2760 | 1680 | 3100 | 0 | 11145 |
| PRCN 35160 | 3600 | 160 | 400 | 300 | 500 | 190 | 0-10 | 130 | 160 | 750 | 15 | 4520 | 2910 | 1850 | 3100 | 0 | 14880 |
| PRCN 35200 | 3600 | 200 | 400 | 300 | 500 | 180 | 0-10 | 130 | 200 | 750 | 18.5 | 4540 | 2920 | 2000 | 3100 | 0 | 16750 |
| PRCN 40100 | 4100 | 100 | 400 | 300 | 500 | 180 | 0-10 | 125 | 125 | 750 | 7.5 | 5000 | 2670 | 1670 | 3600 | 0 | 10155 |
| PRCN 40135 | 4100 | 135 | 400 | 300 | 500 | 200 | 0-10 | 125 | 160 | 750 | 11 | 5020 | 2760 | 1680 | 3600 | 0 | 12440 |
| PRCN 40160 | 4100 | 160 | 400 | 300 | 500 | 190 | 0-10 | 125 | 160 | 750 | 15 | 5020 | 2910 | 1850 | 3600 | 0 | 16340 |
| PRCN 40200 | 4100 | 200 | 400 | 300 | 500 | 180 | 0-10 | 125 | 200 | 750 | 18.5 | 5040 | 2950 | 2000 | 3600 | 0 | 17000 |
| C-Line | mm | ton | mm | mm | mm | mm/s | mm/s | mm/s | Lts | mm | kW | mm | mm | mm | mm | mm | kg |
| PRCN 30250 | 3100 | 250 | 400 | 300 | 520 | 200 | 0-10 | 120 | 300 | 750 | 22 | 3950 | 3260 | 2010 | 2600 | 0 | 17000 |
| PRCN 30300 | 3100 | 300 | 400 | 300 | 520 | 180 | 0-10 | 120 | 345 | 750 | 30 | 3950 | 3260 | 2010 | 2600 | 0 | 17800 |
| PRCN 35250 | 3600 | 250 | 400 | 300 | 520 | 200 | 0-10 | 120 | 300 | 750 | 22 | 4450 | 3260 | 2010 | 3100 | 0 | 19980 |
| PRCN 35300 | 3600 | 300 | 400 | 300 | 520 | 180 | 0-10 | 120 | 345 | 750 | 30 | 4450 | 3260 | 2010 | 3100 | 0 | 20900 |
| PRCN 35400 | 3600 | 400 | 300 | 300 | 520 | 180 | 0-10 | 120 | 380 | 750 | 37 | 4460 | 3450 | 2150 | 3100 | 0 | 23000 |
| PRCN 35450 | 3600 | 450 | 300 | 300 | 520 | 160 | 0-10 | 110 | 380 | 750 | 37 | 4480 | 3450 | 2260 | 3100 | 0 | 25000 |
| PRCN 35500 | 3600 | 500 | 300 | 300 | 520 | 160 | 0-10 | 100 | 380 | 750 | 37 | 4500 | 3450 | 2330 | 3100 | 0 | 27500 |
| PRCN 40250 | 4100 | 250 | 400 | 300 | 520 | 200 | 0-10 | 115 | 300 | 750 | 22 | 4920 | 3260 | 2020 | 3100 | 0 | 19950 |
| PRCN 40300 | 4100 | 300 | 400 | 300 | 520 | 180 | 0-10 | 115 | 345 | 750 | 30 | 4960 | 3260 | 2020 | 3100 | 0 | 22250 |
| PRCN 40400 | 4100 | 400 | 300 | 300 | 520 | 180 | 0-10 | 120 | 380 | 750 | 37 | 4980 | 3450 | 2150 | 3100 | 0 | 27900 |
| PRCN 40450 | 4100 | 450 | 300 | 300 | 520 | 160 | 0-10 | 110 | 380 | 750 | 37 | 4990 | 3450 | 2260 | 3100 | 0 | 28950 |
| PRCN 40500 | 4100 | 500 | 300 | 300 | 520 | 160 | 0-10 | 100 | 380 | 750 | 37 | 4990 | 3450 | 2330 | 3100 | 0 | 30100 |
| PRCN 40600 | 4100 | 600 | 300 | 350 | 570 | 150 | 0-10 | 90 | 500 | 750 | 55 | 5030 | 3580 | 2400 | 3100 | 900 | 33400 |
| PRCN 60100 | 6100 | 100 | 500 | 300 | 500 | 170 | 0-10 | 120 | 125 | 750 | 7.5 | 6860 | 3100 | 1900 | 5100 | 0 | 16500 |
| PRCN 60135 | 6100 | 135 | 500 | 300 | 500 | 170 | 0-10 | 120 | 160 | 750 | 11 | 6880 | 3150 | 1900 | 5100 | 0 | 18300 |
| PRCN 60160 | 6100 | 160 | 500 | 300 | 500 | 170 | 0-10 | 120 | 160 | 750 | 15 | 6880 | 3300 | 2050 | 5100 | 0 | 23500 |
| PRCN 60200 | 6100 | 200 | 500 | 300 | 500 | 160 | 0-10 | 110 | 200 | 750 | 18.5 | 6900 | 3350 | 2150 | 5100 | 1150 | 27230 |
| PRCN 60250 | 6100 | 250 | 500 | 300 | 520 | 160 | 0-10 | 100 | 300 | 750 | 22 | 6960 | 3480 | 2230 | 5100 | 1200 | 33500 |
| PRCN 60300 | 6100 | 300 | 500 | 300 | 520 | 160 | 0-10 | 100 | 345 | 750 | 30 | 7000 | 3480 | 2230 | 5100 | 1200 | 36500 |



. Required bending power (TON/METER)

Rm=42 daN/mm² - Rm=70 daN/mm²

| | | S (mm) | | | | | | | | | | | | | | | | | | | |
|-----|------|--------|----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| R | B | V | 0,5 | 0,6 | 0,8 | 1 | 1,2 | 1,5 | 2 | 2,5 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 15 | 20 | 25 | 30 |
| 0,5 | 3 | 4 | 4 ₇ | 6 ₁₀ | 12 ₂₀ | | | | | | | | | | | | | | | | |
| 0,7 | 3,5 | 5 | 3 ₅ | 5 ₈ | 9 ₁₅ | 15 ₂₅ | | | | | | | | | | | | | | | |
| 0,8 | 4 | 6 | 2 ₄ | 3 ₆ | 7 ₁₂ | 11 ₁₉ | 18 ₃₀ | | | | | | | | | | | | | | |
| 1 | 5,5 | 8 | | 2 ₄ | 5 ₈ | 8 ₁₃ | 12 ₂₁ | 21 ₃₅ | | | | | | | | | | | | | |
| 1,3 | 6,5 | 10 | | | 4 ₆ | 6 ₁₀ | 9 ₁₅ | 15 ₂₆ | 30 ₅₀ | | | | | | | | | | | | |
| 1,5 | 8 | 12 | | | | 5 ₈ | 7 ₁₂ | 12 ₂₀ | 23 ₃₈ | 39 ₆₆ | | | | | | | | | | | |
| 2 | 10,5 | 16 | | | | | 5 ₈ | 8 ₁₃ | 16 ₂₆ | 27 ₄₅ | 44 ₇₁ | | | | | | | | | | |
| 2,5 | 13 | 20 | | | | | | 6 ₁₀ | 12 ₁₉ | 20 ₃₃ | 31 ₅₂ | 60 ₁₀₁ | | | | | | | | | |
| 3,2 | 16,5 | 25 | | | | | | | 9 ₁₅ | 14 ₂₄ | 23 ₃₈ | 44 ₇₃ | 76 ₁₂₆ | | | | | | | | |
| 4,4 | 21 | 32 | | | | | | | | 11 ₁₈ | 16 ₂₇ | 32 ₅₃ | 54 ₉₀ | 85 ₁₄₂ | | | | | | | |
| 5 | 26 | 40 | | | | | | | | | 12 ₂₁ | 23 ₃₈ | 39 ₆₆ | 62 ₁₀₃ | 121 ₂₀₂ | | | | | | |
| 6,5 | 32,5 | 50 | | | | | | | | | | 18 ₃₀ | 29 ₄₈ | 45 ₇₆ | 88 ₁₄₇ | 151 ₂₅₂ | | | | | |
| 8 | 41 | 63 | | | | | | | | | | | 22 ₃₇ | 33 ₅₅ | 70 ₁₁₇ | 109 ₁₈₂ | 173 ₂₈₈ | | | | |
| 10 | 52 | 80 | | | | | | | | | | | | 25 ₄₂ | 46 ₇₇ | 79 ₁₃₁ | 124 ₂₀₇ | 213 ₃₅₄ | | | |
| 12 | 65 | 100 | | | | | | | | | | | | | 35 ₅₉ | 58 ₉₆ | 91 ₁₅₁ | 155 ₂₅₈ | 302 ₅₀₄ | | |
| 15 | 81,5 | 125 | | | | | | | | | | | | | | 44 ₇₄ | 66 ₁₁₀ | 113 ₁₈₉ | 220 ₃₆₇ | 373 ₆₃₀ | |
| 20 | 104 | 160 | | | | | | | | | | | | | | | 50 ₈₃ | 81 ₁₃₅ | 263 ₄₄₈ | 425 ₇₀₉ | |
| 25 | 130 | 200 | | | | | | | | | | | | | | | | 62 ₁₀₄ | 115 ₁₉₂ | 197 ₃₂₈ | 310 ₅₁₇ |
| 37 | 163 | 250 | | | | | | | | | | | | | | | | | 89 ₁₄₈ | 144 ₂₄₀ | 227 ₃₇₈ |
| 45 | 195 | 300 | | | | | | | | | | | | | | | | | | 120 ₂₀₀ | 173 ₂₈₈ |



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