DAVI

MCO

3 Roll



Mission

01

We work hard to be the partner of choice whenever companies need to roll Metal Plates and Sections. We strive to be by the customers' side for any rolling work they have to carry on.

02

This goal has deep roots in the past, with the rolling challenges we overcame in our history since 1966, studying the specific needs of customers and finding the best way to go on together.

03

This goal is very clear in the present: our daily task is to support our current customers and to invest in research and development for being at the forefront of rolling innovation.

04

This goal sets clear projects for the future: our financial strength and our solid structure grant the continuity of our business and the support we will be able to give in terms of both service and new solutions.

DAVI

Davi is since more than a decade the world largest manufacturer of Plate Rolls, Angle Rolls, High Productivity Lines and Customized Rolling Machines in terms of sales volume, employees, range, production, assets and rating.
In fact, Davi has been awarded 'Prime Company' and given maximum commercial reliability by Dun & Bradstreet and holds all the ISO Certifications (Quality ISO 9001, Environmental ISO 14001, Safety ISO 45001).

Since 1966, Davi has been committed in Research & Development with the goal of finding the best Rolling Solutions for the global market.

Davi headquarters are located in Italy, where all Plate and Angle Rolls are manufactured and then delivered all around the world, while the Sales & Service network is comprised of two branches in the United States and China and more than a hundred dealers in the five continents.



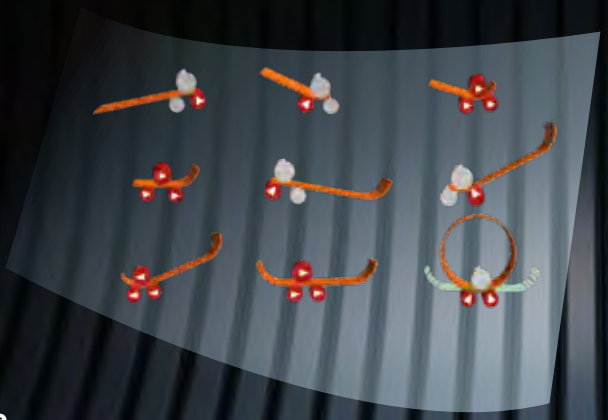


Davi Heavy-Duty Planetary Guides (1988 Patented)

More than 1.000 Heavy Duty plate rolls are in production, since many years, all around the world

Rolling Sequence:

1. **The plate is pinched between the top and rear roll**
2. **The front roll raises to the prebending position**
3. **The rolls rotate to prebend the leading edge**
4. **The plate is completely fed to the rear position**
5. **The front roll raises pinching the plate**
6. **The rear roll raises to the prebending position**
7. **The rolls rotate to prebend the trailing edge**
8. **The plate is moved in the middle position**
9. **The front and rear rolls raise sequentially to roll the entire plate up to close it at the desired diameter**



Get the Tightest Diameter, Ever

Davi PSG is the only geometry which allows to get a minimum diameter as tight as 1.1 times the top roll diameter, instead of 1.4 - 1.5 of the linear guides





Mill Scale Proof and no Lubrication

Davi PSG doesn't need lubrication or cleaning, anytime MILL SCALE doesn't scratch the guides, ever NO WEAR of the guides, lifetime





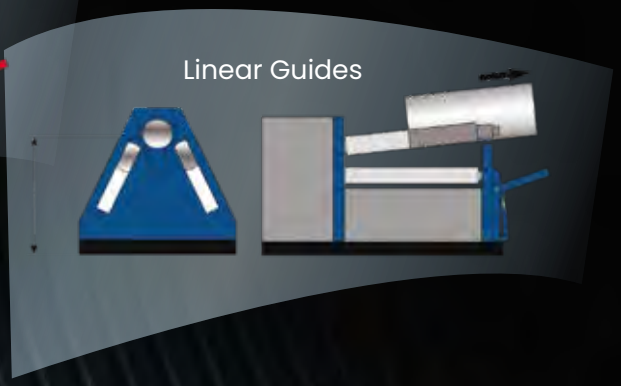
Linear guides: a fatal destiny of wear

The Low Frame Allows to Remove Cans Horizontal, Straight, Easier

Davi low frame design makes easy to remove the finished parts from the machine (straight and horizontal).



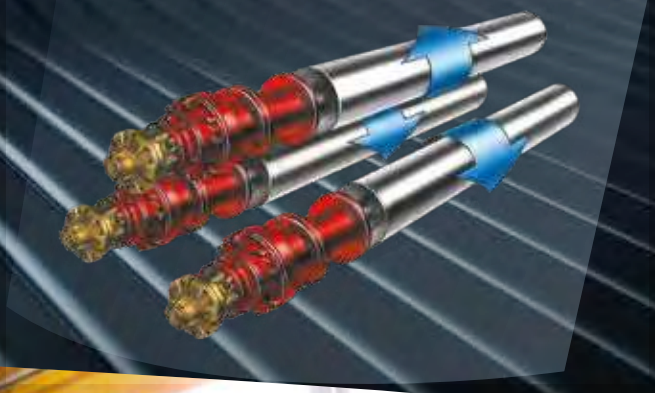
On machines with linear guides, the part needs to be tilted to clear the high frame construction.



Three Rolls Powered

Main benefits:

1. **The plate doesn't slip during the operation**
2. **Higher torque available**
3. **Excellent prebending due to best torque distribution (internal and external to the plate to be fed)**
4. **The side rolls are directly braked**





Thanks to the Three Rolls Driven the Plate Doesn't Slip During the Operation



Permanent Lubrication Technology

For maximum reliability; used by Davi since 1982, also on monster machines up to 300 mm thickness capacity.



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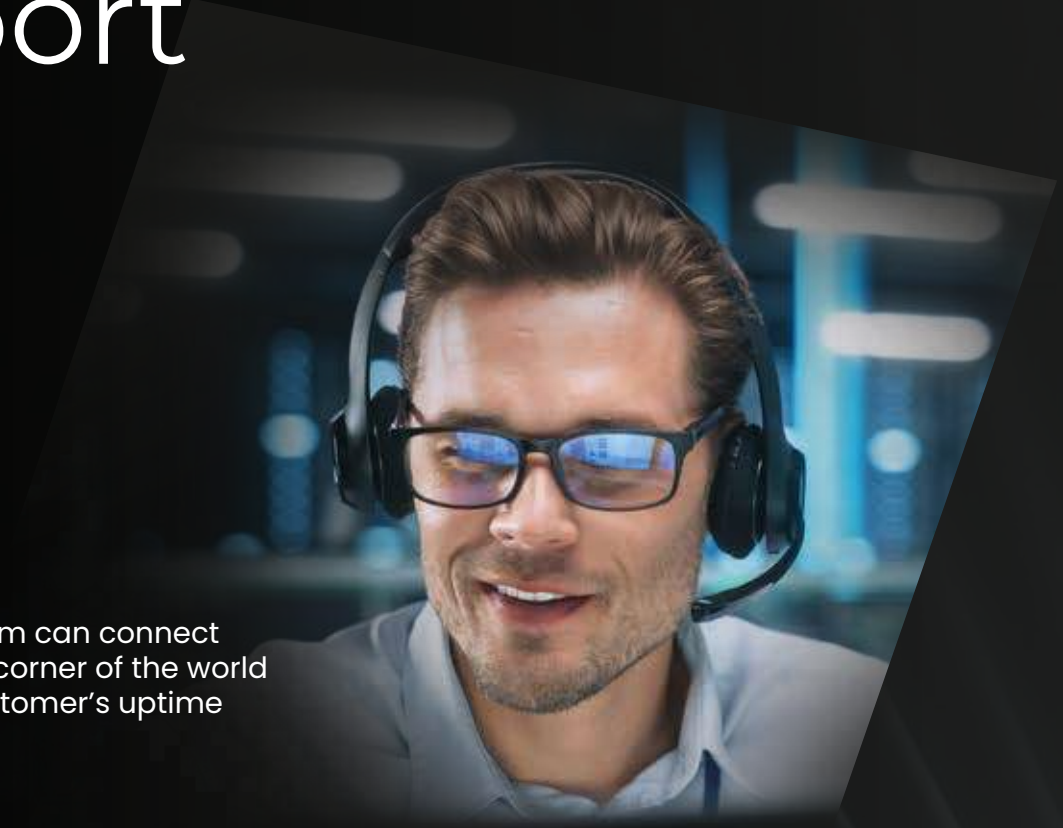
Double Pinch





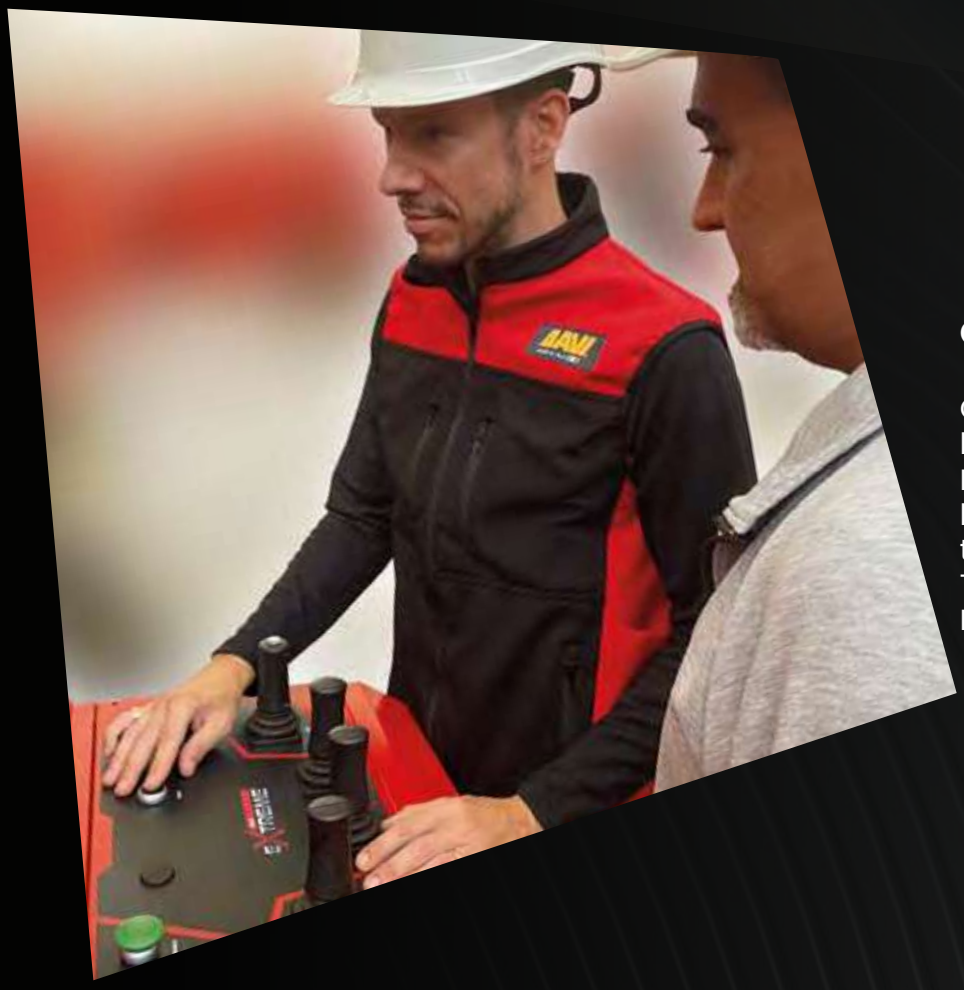


Customer support



Remote Support

Davi Specialized Team can connect remotely with every corner of the world and improve the customer's uptime



On Site

On site intervention can be performed on both Davi Machines and other brands: from Installation to Commissioning, from Training to Preventive Maintenance

Production in numbers

100

Plate and Angle Rolls always available and ready for delivery

300

Plate and Angle Rolls produced every year

10,000

More than 10,000 Plate and Angle Rolls installed worldwide



Research & Development

Engineering Everyday Challenges

Davi Sales and Technical Teams are always ready to exchange ideas with Customers, in order to get a full comprehension of the Rolling Challenge they have to face. Davi R&D wants more, and strives to offer innovative solutions to problems customers didn't even think of!





Total Control of the Production System

In order to obtain Complete Management on the whole Manufacturing Process, for many years Davi has created a solid partnership with Suppliers, High-level Companies with production sites in the most skilled areas of Italy.

Throughout the entire flow, Davi is committed to ensure an Integrated Quality Control with the aim of ensuring the highest quality standards on the Market.

EN 07/23

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QUALITY SYSTEM CERTIFICATION DNV ISO 9001

ENVIRONMENTAL SYSTEM CERTIFICATION DNV ISO 14001

SAFETY SYSTEM CERTIFICATION DNV ISO 45001

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