



PICOT
ROULEUSES DE TÔLES
ROLL BENDING MACHINES

— since 1864 —

NOW ROLLING IS A PIECE OF CAKE



INTELLIGENT
MATERIAL
DATABASE



SPRING BACK
PREDICTION



AUTOMATIC
CONE SET UP



SMART
DESIGN
& .DXF

ASSISTED
PRE BENDING



PLUG&PLAY
MACHINE



easyroll[®]

AIR | Artificial Intelligence
For Roll bending machines

- > Missing Experience or an operator in Roll Bending?
- > Do you seek more flexibility and performance in your roll bending applications?



PICOT TECHNOLOGY

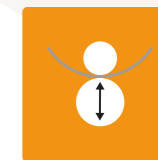
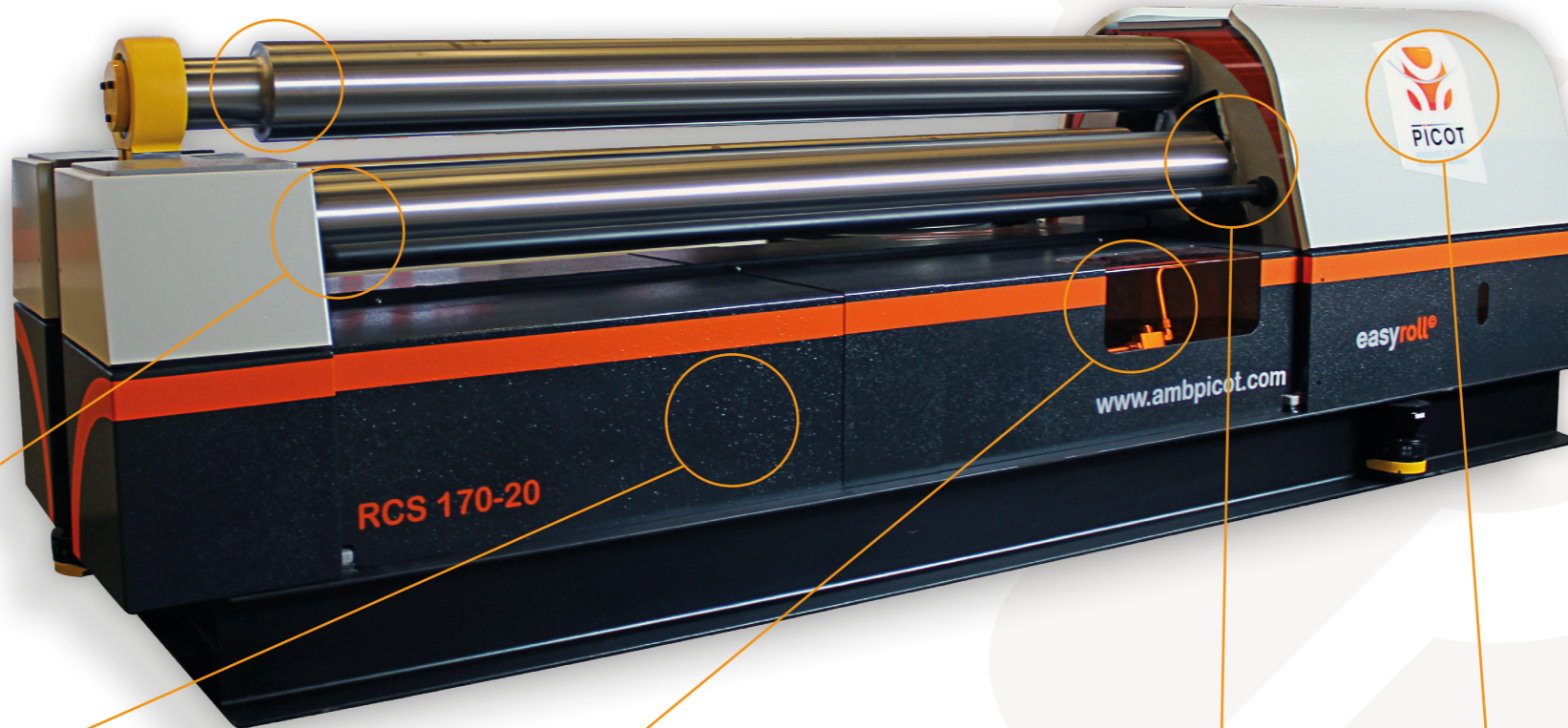
is what makes the difference

AMB Picot, located in Lentilly, has been designing and manufacturing roll bending machines for more than 150 years.

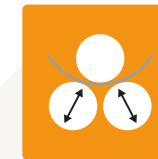
Picot remains a leader by innovation, which means you are supported with the widest range of solutions and products. All Picot Roll Bending Machines can include the Picot Digital Control System, allowing you output very fine tolerances over a wide range of applications.

Amb Picot is constantly expanding its range to suit your technical requirements:

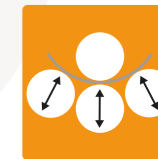
- > 2, 3 or 4 rolls
- > Asymmetrical rolls
- > Benders



2 ROLLS



3 ROLLS



4 ROLLS

01

ROLLS

Made of high quality steel, custom bending, polished finish, induction hardening.
Profit: a tailor-made production.

02

BEARING DEVICE

Bronze bearings to accept heavy loads.
Benefits: No maintenance for unmatched capabilities and durability.

03

PARALLELISM SYNCHRONISATION

Set up either on a hydraulic control, or on a numerical control of each jack.
Benefits: efficiency of manufacturing processes, precision of the movement, ergonomics for the operator.

04

PROPORTIONAL CONTROL OF ROLLERS

Roller control can be by proportional adjustment of the roller position and roller rotation.
Benefits: Quick and efficient for manufacturing processes, precise control, better ergonomics for the operator.

05

LINEAR GUIDANCE

Absence of friction and performance in all modes of operation: cylindrical and conical rolling.
Benefits: maximum yield of hydraulic power, no wear.

06

MOTORIZATION

One motor (geared motor) per roll of series.
Benefits: maximum torque, optimized yields, speed synchronization, reliability.



Control Systems

Innovative proprietary technologies

3 CONFIGURATIONS OF EVOLUTIVE STATIONS ADAPTED TO YOUR USES

- > Standard
- > ConFort
- > Easyroll

> STANDARD



STANDARD

Configuration Standard

Manual controls directly on the machine



STANDARD +

Configuration Standard +

Control panel with hydraulic control

Two digital indicators positioned on the desk very precisely locate the position of each pre bending roll.

> CONFORT



CONFORT

Configuration ConFort

Control panel with electronic control



CONFORT +

Configuration ConFort +

Control panel with electronic control + Numerical control by learning

The NC enables the creation and the storage of programs for a serial production and comfort of the operator.

> easyroll[®]

AIR Artificial Intelligence For Roll bending machines

Touch screen display and digital control
+ Rolling assistance Easyroll

For 3-roll rollers, this NC is equipped with a roll-assist function that integrates a material database and software that enable to achieve with great precision the desired rolling diameter from the first test and without correction.

Easyroll makes bending accessible to novice operators and also allows a seasoned operator to get the best out of the machine.



SMART DESIGN & .DXF

Programming assisted by drawing of Form.



INTELLIGENT MATERIAL DATABASE

PICOT patent, taking into account the mechanical characteristics of the material.



SPRING BACK PREDICTION

Taking into account the elastic return and display of the rolled diameter live.



ASSISTED PRE BENDING



AUTOMATIC CONE SET UP

Calculation of the necessary inclination according to the material.





Our service offer

100% SERENITY

PICOT added value
BUY BACK



- > Do you have a short term market requirement you seek to exploit?
- > You hesitate to invest?



Picot can offer a sale and buy back arrangement (or a lease plan) subject to terms and conditions to be agreed in advance. Throughout the period of either sale/buy-back or lease plan, you benefit from the annual follow-up of the machine by a technician. you will enjoy Full Picot support including follow up by a Picot technician.

CONTACT US



Training in our Factory



Troubleshooting and telephone support within 24 hours



Local experts always available



Buy Back



Training tailor-made, Picot is a training center, referenced Datadocké



Free software update and dedicated internet platform (*Easyroll version*)



OUR KNOW-HOW ALLOWS US TO ANSWER ALL THE REQUIREMENTS WHATEVER THE TECHNICAL CONSTRAINTS AND SECTORS OF ACTIVITIES



AERONAUTICS / ENERGY / PUBLIC WORKS / DESIGN-ARCHITECTURE / TRANSPORTS / INDUSTRY



4 m bending - 8 mm thick



Bending up to 6 m



4 m bending - Composite



3 m bending - 10 m thick

AERONAUTICS

Customers : AIRBUS, AIRCEL,
SAFRAN, RUAG...

Requirements : Repeatability,
specific application, reliability.

ARCHITECTURE

Customers : ALCOA (PARTENAIRE),
ACODI, LAUDE, COANUS...

Requirements : No lamination,
machine versatility, straightness/
tolerance.

TRANSPORT

Clients : MAISONNEUVE, MAGYARD,
SPITZER, CWA...

Requirements : Productivity, aspect,
easy of use, reliability.

INDUSTRY/PUBLICS WORKS

Customers : BABCOCK, MAGHREB
STEEL, AIR LIQUIDE, ALSTOM / JCB,
ACB, EMILY-MAGSI, MANITOU...

Requirements : Pre bending,
performance, reliability.



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