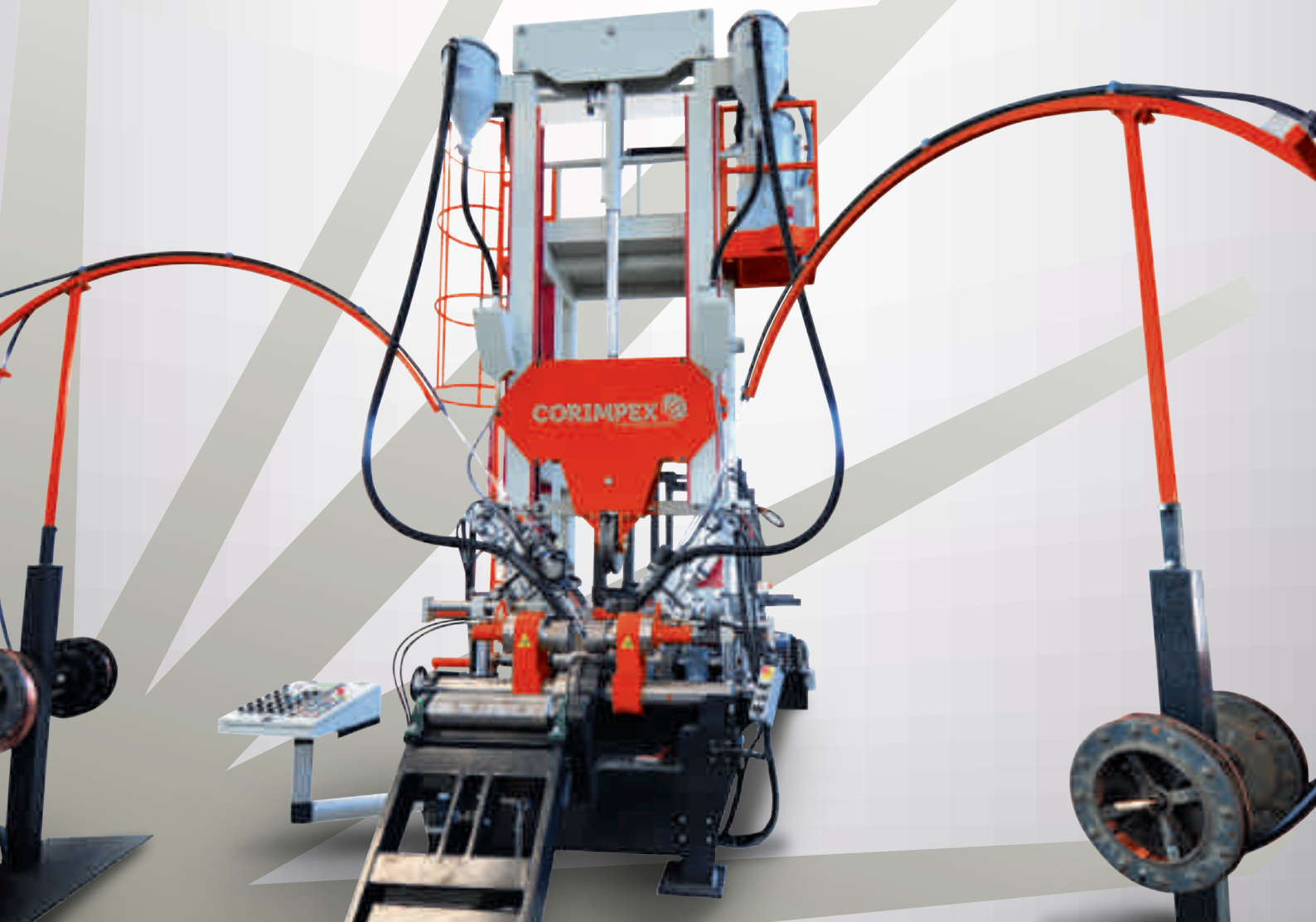
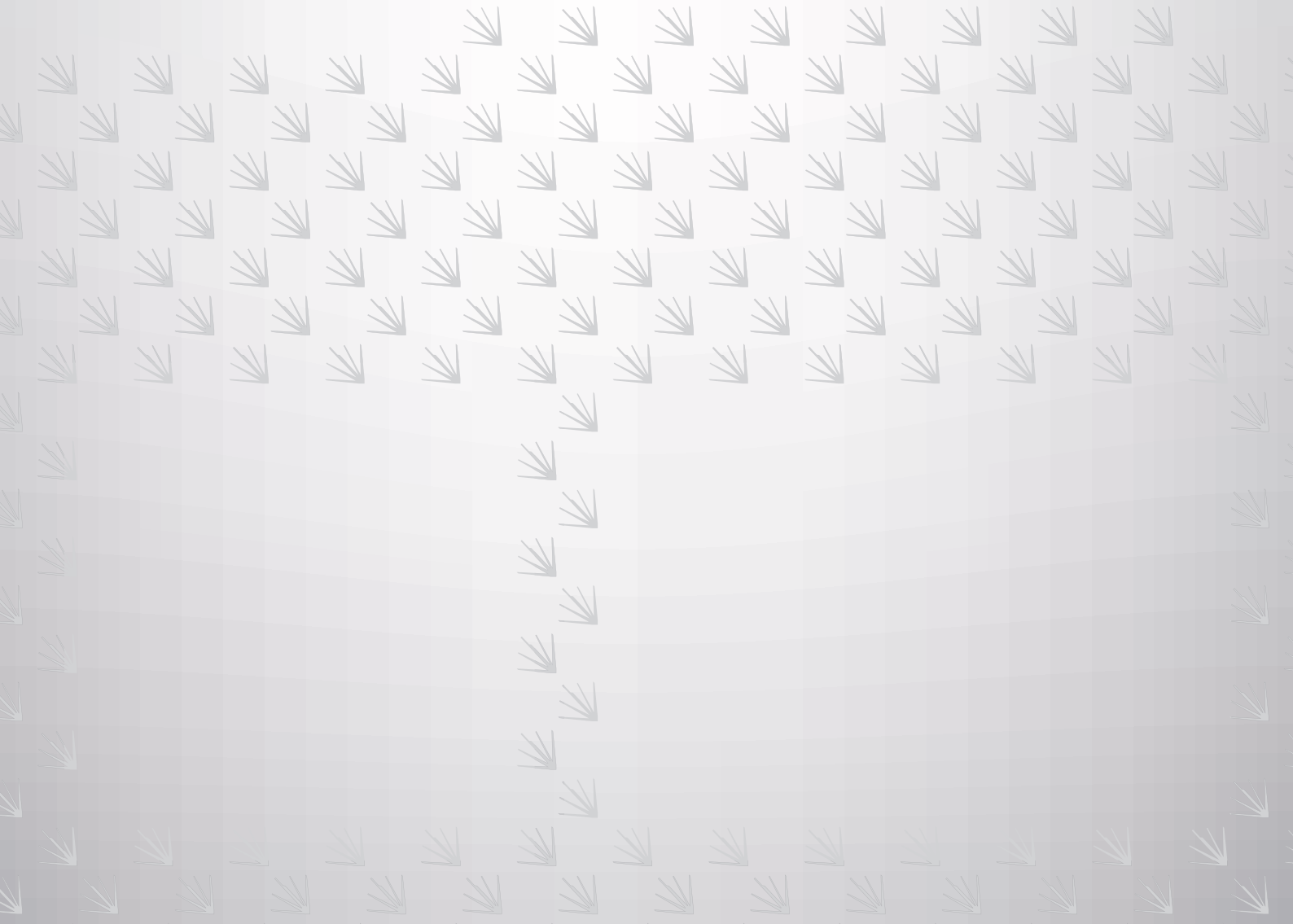


Submerged Arc & Mig Welding Automation



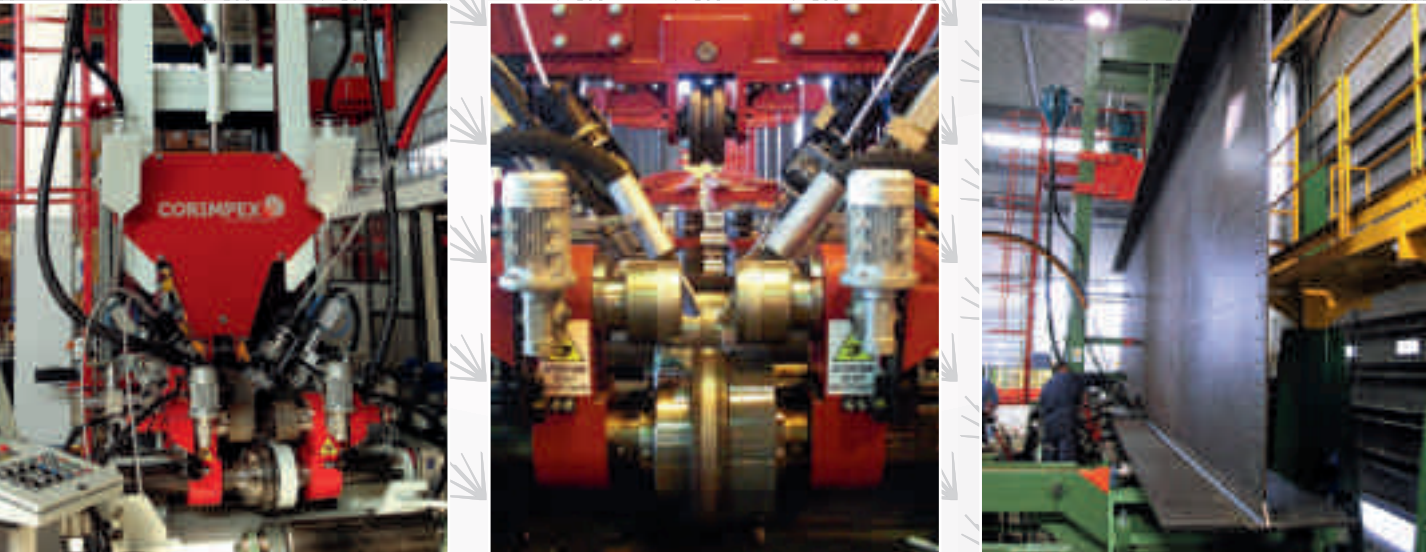


TC Series - Beam Welding Lines

Linea Saldatura Travi



Automatic centering & flange post deforming device - *Sistema automatico di centraggio e raddrizzatura ali*



	BWM-TC-LD 1200x600	BWM-TC-LD 1500x800	BWM-TC-MD 2000x1000	BWM-TC-MD 2500x1250	BWM-TC-HD 3000x1250	BWM-TC-XHD 4200x1500
Web Height:	150-1200 mm	200-1500 mm	200-2000 mm	200-2500 mm	200-3000 mm	200-4200 mm
Flange Width:	100-600 mm	150-800 mm	150-1000 mm	150-1250 mm	150-1250 mm	150-1500 mm
Beam Lenght:	On request	On request	On request	On request	On request	On request
Max beam weight:	On request	On request	On request	On request	On request	On request
Max. cylinder stroke:	1100 mm	1300 mm	1800 mm	2300 mm	2800 mm	4000 mm
Travel speed of the beam on the conveyors:	12 m/min	12 m/min	12 m/min	12 m/min	12 m/min	12 m/min
welding speed :	0,15-2,1 m/min	0,15-2,1 m/min	0,15-2,1 m/min	0,15-2,1 m/min	0,15-2,1 m/min	0,15-2,1 m/min
Type of Beams to be welded:	H, I, T, L, Star beams, box	H, I, T, L, Star beams, box	H, I, T, L, Star beams, box	H, I, T, L, Star beams, box	H, I, T, L, Star beams, box	H, I, T, L, Star beams, box
Longitudinal tipology:	straight, conical and cambered	straight, conical and cambered	straight, conical and cambered	straight, conical and cambered	straight, conical and cambered	straight, conical and cambered
Welding Technology:	Sub arc: single wire/ Twin-arc/ Tandem	Sub arc: single wire/ Twin-arc/ Tandem	Sub arc: single wire/ Twin-arc/ Tandem	Sub arc: single wire/ Twin-arc/ Tandem	Sub arc: single wire/ Twin-arc/ Tandem	Sub arc: single wire/ Twin-arc/ Tandem

HFI - Horizontal Fully Integrated Beam Welding line

Linea Integrata Saldatura Travi Orizzontale



Automatic Hydraulic Assembly Jig
Banco Idraulico d'Assemblaggio Automatico



Column and boom manipulator with Twin welding heads
Manipolatore a doppia testa di saldatura



Integrated Fast Rotator application
Applicazione Fast Rotator Integrata



Integrated Horizontal Flange Straightening machine
Raddrizzatrice Orizzontale Travi Integrata

FEMS MACHINE: flange edge milling unit up to 2 m width

unita di finitura spigoli piattabande fino a 2 m di larghezza

Device for flange edge milling
Process speed up to 5 m/min!!
Optional: Integrated Brushing Head
Four milling heads operating simultaneously!

Dispositivo di finitura spigoli piattabande
Velocità di processo fino a 5m/min!!
Optional: Levigatrice centrale integrata
Quattro frese ad inserto operanti simultaneamente!



IMPROVING
PRODUCTIVITY



Flange cleaning before welding!
Pulizia piattabande prima della saldatura!



SIMULTANEOUS
WEB BEVELING



Combined Beveling unit: milling & Plasma process
Cianfrinatrice simultanea anime

Heavy Duty One Sided Plate Seam Welder *Linea giunzione lamiera*

Available machine size
Modelli disponibili:

- PSW 1500
- PSW 2000
- PSW 2500
- PSW 3500



Water cooled copper backing bar
Backing con barra in rame raffreddata ad acqua

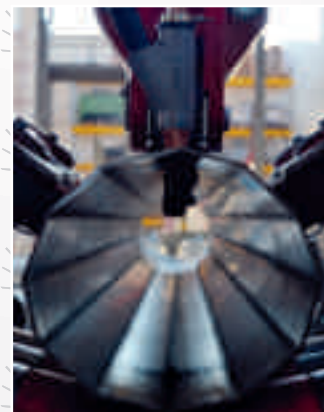
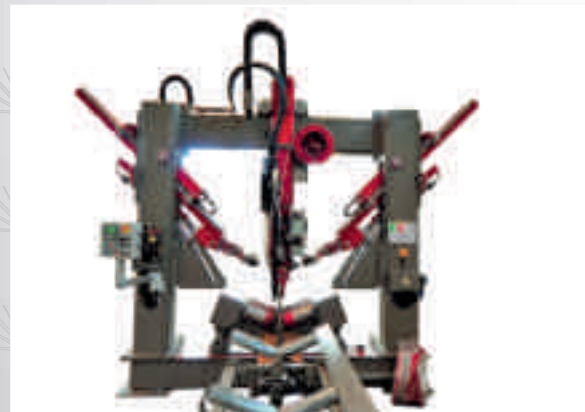


Integrated Oxy Beveling Unit
Cianfrinatrice Ossitaglio Integrata



Integrated Grinding Unit
Levigatrice a Nastro Integrata

Pole Welding Line *Linea Saldatura Pali*



Improvement:

- Gap closing system
- Anti-Twisting device
- Post-Heating device
- Customizing programing

Migliorie:

- dispositivo chiusura gap lembi
- dispositivo anti-torsione
- dispositivo post-riscaldamento
- unità programmabile

TECH. SPECIFICATIONS

Poles diameter: 60-790mm
sheets thickness: 3 – 10 mm
type of poles: round and polygonal up to 20 sides tapered
Welding process: SAW &/or MIG

SPECIFICHE TECNICHE

Diametro pali: 60-790mm
Spessori lamiera: 3 – 10 mm
Tipo di palo: Tondo, Poligonale fino a 20 lati, conico
Processo di saldatura: SAW &/or MIG



Universal Column & Boom Manipulator *Manipolatori Universali*



	CBL	CBM	CBH	CBHH	CBR
Vertical boom stroke:	3000 mm	4000 mm	5000 mm	6000 mm	7000 mm
Horizontal boom stroke:	2000 mm	4000 mm	5000 mm	6000 mm	7000 mm
Rotation of mast:	360° (manual)				
Boom travel speed:	200-2000 mm/min				
Boom elevation speed:	1000 mm/min				
Base traverse speed:	200-2000 mm/min				
Overall C&B:	4670 mm	6000 mm	7220 mm	8570 mm	9570 mm
Height:	4700 mm	6080 mm	7300 mm	8600 mm	9600 mm

Different sizes and applications - *Varie Dimensioni e applicazioni*

Rotators - Various load capacity up to 150 t *Posizionatori a rulli - Varie capacità di carico fino a 150 t*



MAR – Typology

- Manual Alignment rotators
- Self aligning rotators with Fixed or Motorized Base

- Posizionatori ad allineamento manuale
- Posizionatori autoallineanti con base fissa o motorizzata

FIT-UP Rotators

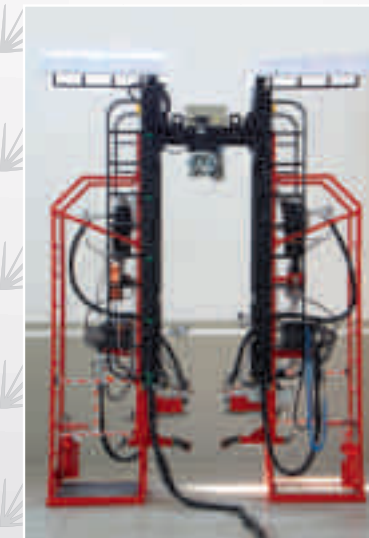


AAR – Typology

Trailer Chassis Welding Fixture *Linea saldatura travi sagomate*



Girth Welding Machine *Unità di saldatura serbatoi di stoccaggio*



WORLDWIDE CUSTOMERS - *CLIENTI NEL MONDO*

MORE THAN 400 INSTALLATIONS IN 50 DIFFERENT COUNTRIES WORLDWIDE



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Australia

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Chile

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Denmark

Ecuador

Egypt

U.K.

UAE

France

Germany

Greece

Guatemala

Holland

Honduras

India

Iraq

Ireland

Italy

Lybia

Mexico

Myanmar

Morocco

New Zealand

Nicaragua

Oman

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