



NUOVACMM
welding automation

since 1974

BEAM Line



1974



1984



1988



1998



2005



2012



2016



2020

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Our values deliver your vision

At CMM, we know that a company's products are a reflection of the team that creates them, only with a strong and tight-knit team is possible to achieve the best results. Our people are underlying force driving the delivery of your vision with dedicated values to deliver beyond our customers' expectation. Working with honesty, experience, accountability and care, our collective

Team is committed to study and fabricating innovative solution for welding automation and to meet your specific needs. CMM capability extends from Total Project Management, Design & Detailing up to Light, Medium & Heavy Automation for Welding.

The company also retains in-house capacity and competency to study and design for customer's demand.

Le nostre capacità realizzano le vostre necessità

In CMM, sappiamo che i prodotti di una società sono il riflesso della squadra che li crea, solo con una squadra forte e coesa è possibile ottenere i migliori risultati. Il nostro personale e le sue capacità tecniche sono la forza trainante per la realizzazione di soluzioni che superano le aspettative dei nostri clienti. Lavorando con onestà, esperienza, responsabilità e cura, il nostro team è impegnato a progettare e realizzare soluzioni innovative nell'automazio-

ne di saldatura che soddisfano le esigenze del cliente. Le capacità di CMM abbracciano il Total Project Management, dalla progettazione meccanica ed elettrica, alla realizzazione meccanica, montaggio e collaudo per ogni tipo di automazione della saldatura dalla più leggera/semplce a quella più pesante/complessa. In CMM il nostro team è felice di discutere il valore che possiamo aggiungere ai vostri progetti con le nostre capacità.

BEAM LINE

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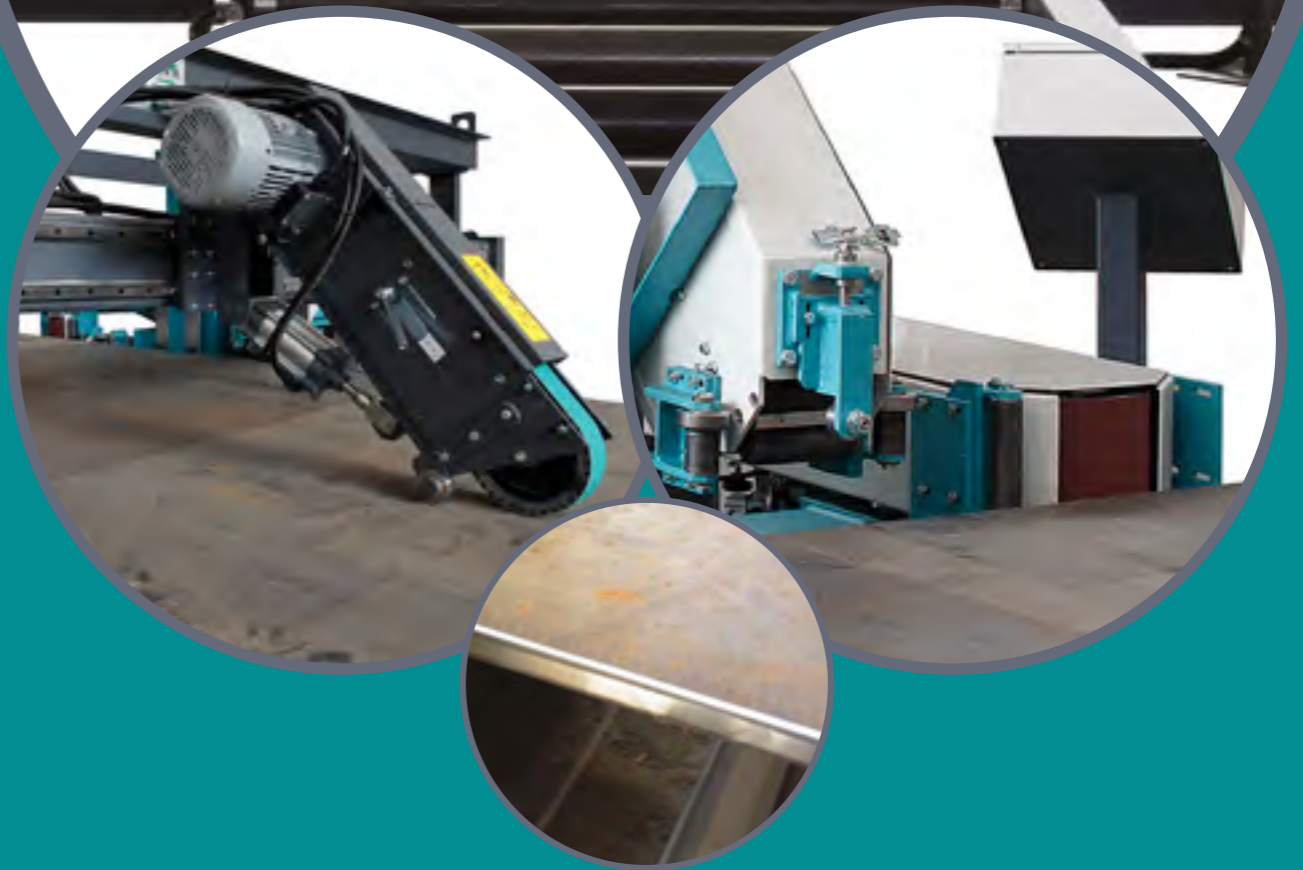
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AUTOMATION LINE

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Seam Welder PHOENIX

Rounding and Grinding Machine



4 Accessories

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Cutting Gantry



Laser Height Control



Grinding Unit

Specifications		min	max
Plates height	mm	1500+1500	6000+18000 (tot. 24000)
Plates thickness	mm	8	100
Plates width	mm	300	5000
Weight	Kg/m		up to 3000

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The Rounding and Grinding Machine is designed for Round Off the Four Sharp Edges of the Plates and Clean both Sides of the Plates

Specifications		min	max
Plates width	mm	300	2000
Plates thickness	mm	8	50
Length	mm	3000	30000

Beam Welding Line - Light Size



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Infeed line

Flange Straightening rolls

Clamping hydraulic cylinder

Exit line

Type of Beams

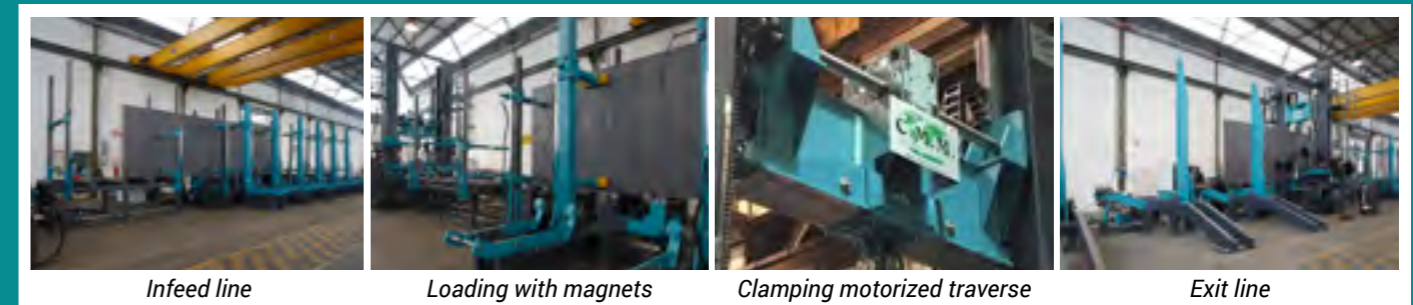
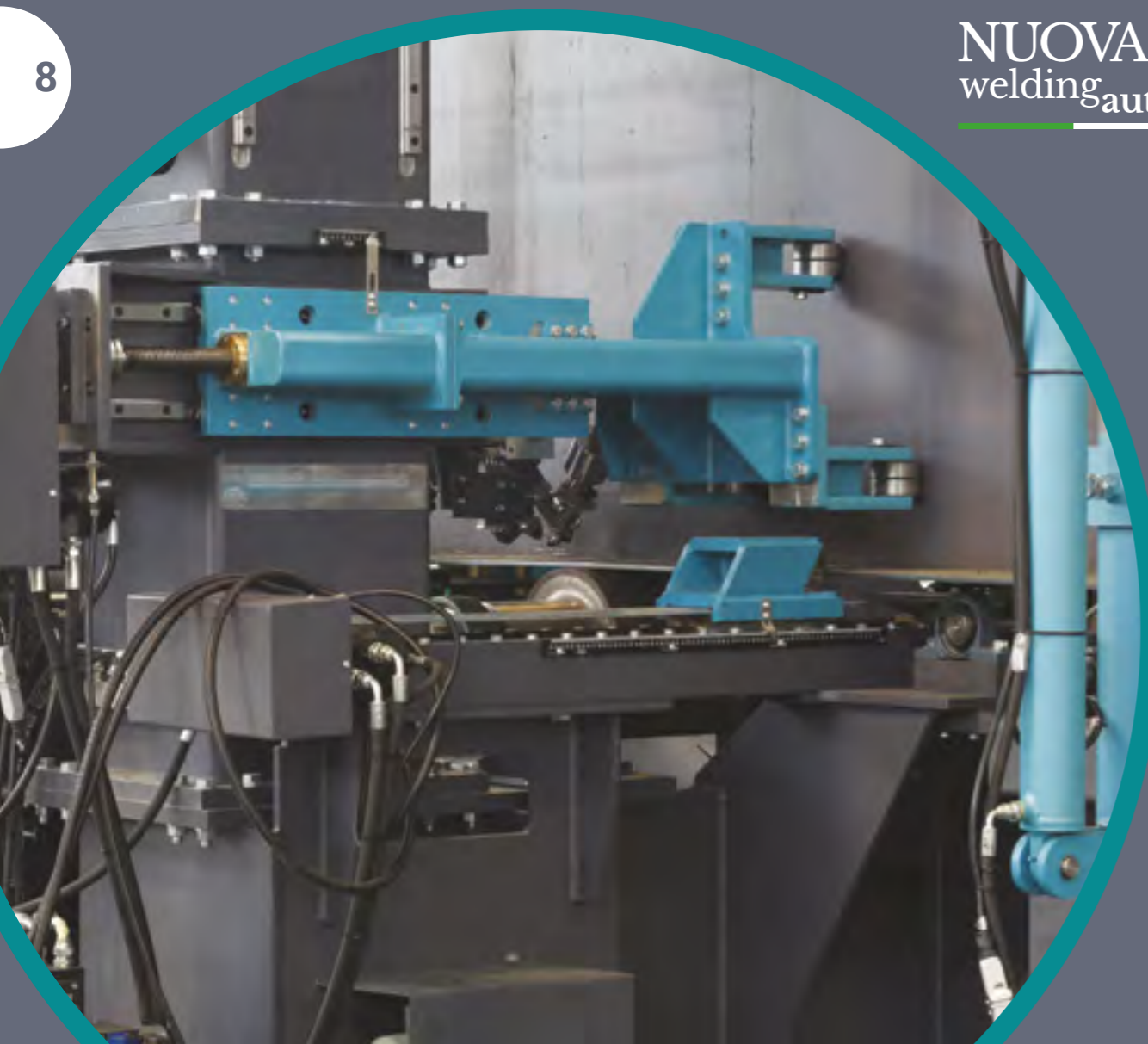


Specifications		min	max
Web height	mm	180	2000
Web thickness	mm	8	25
Flange width	mm	100	1000
Flange thickness	mm	8	50
Weight	Kg/m		up to 1000
Length	mm	2000	up to 25000

Beam Welding Line - Medium Size



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Infeed line

Loading with magnets

Clamping motorized traverse

Exit line

Type of Beams



Specifications		min	max
Web height	mm	200	3000
Web thickness	mm	8	30
Flange width	mm	150	1250
Flange thickness	mm	8	50
Weight	Kg/m		up to 2000
Length	mm	2000	up to 45000

Beam Welding Line - Heavy Size



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Infeed roll for camber

Infeed line

Clamping motorized traverse

Exit line

Type of Beams



Specifications		min	max
Web height	mm	250	5000
Web thickness	mm	8	50
Flange width	mm	100	2000
Flange thickness	mm	8	100
Weight	Kg/m		up to 3000
Length	mm	2000	up to 45000

Beam Line for Assembly and Welding Box



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Tacking is required at the leading edge

Infeed assembly line *Double Edge Tack-welding unit* *Guidance and bottom clamping rolls*

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Type of Beams



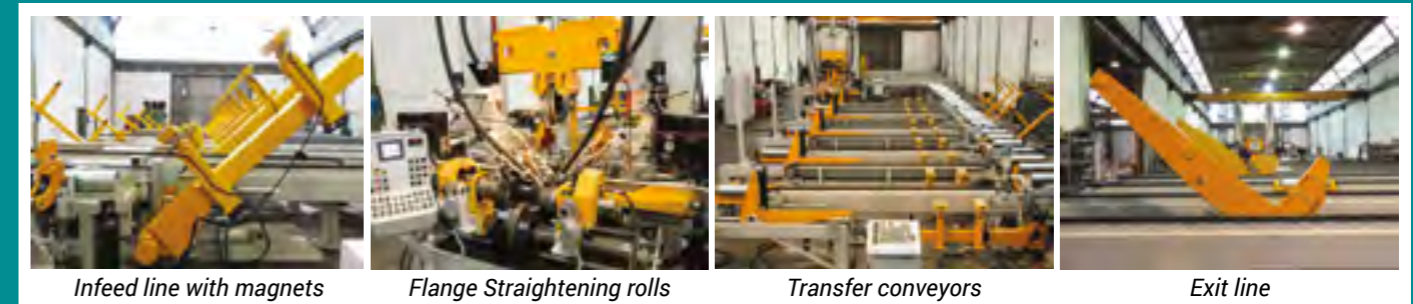
Specifications for Beam and Tack-Welded Box	min	max
Web height	mm 200	2500
Web thickness	mm 8	30
Flange width	mm 150	1250
Flange thickness	mm 8	50
Weight	Kg/m	up to 2000
Length	mm 2000	up to 25000

Specifications for Beam Assembled On-line	min	max
Web height	mm 1000	1530
Web thickness	mm 8	30
Flange width	mm 800	1250
Flange thickness	mm 8	50
Weight	Kg/m	up to 2000
Length	mm 2000	up to 25000

FMS Line



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Infeed line with magnets

Flange Straightening rolls

Transfer conveyors

Exit line

Type of Beams



Specifications		min	max
Web height	mm	180	2000
Web thickness	mm	8	25
Flange width	mm	100	1000
Flange thickness	mm	8	50
Weight	Kg/m		up to 1000
Length	mm	2000	up to 16000

Beam Welding Line for Special Project

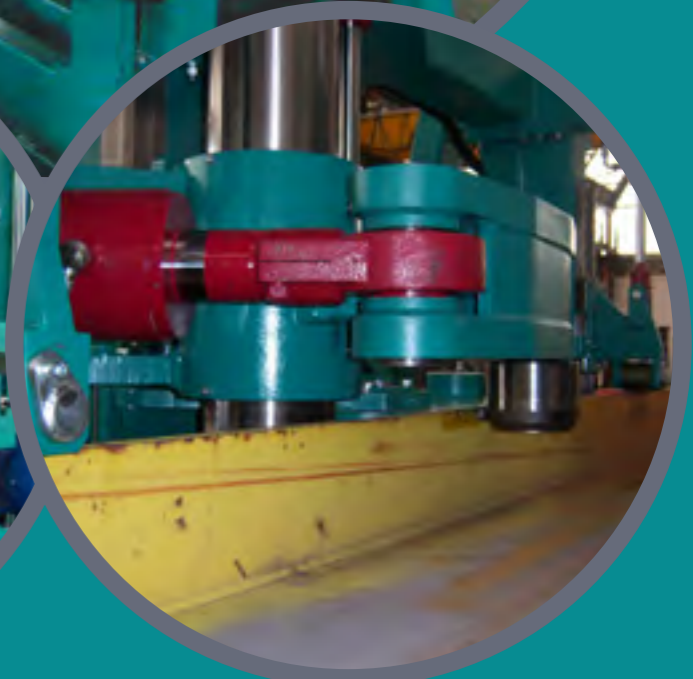


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Full PLC Line for High Camber "Happy & Sad"
with Variable Flange Thickness and Width



Straightening Machine RHINO



Specifications		min	max
Web height	mm	250	2500
Web thickness	mm	6	30
Flange width	mm	150	800
Flange thickness	mm	6	40
Weight	Kg/m		no limit
Length	mm	2000	no limit

H-Master Line with Web in Flat Position

BWF Line



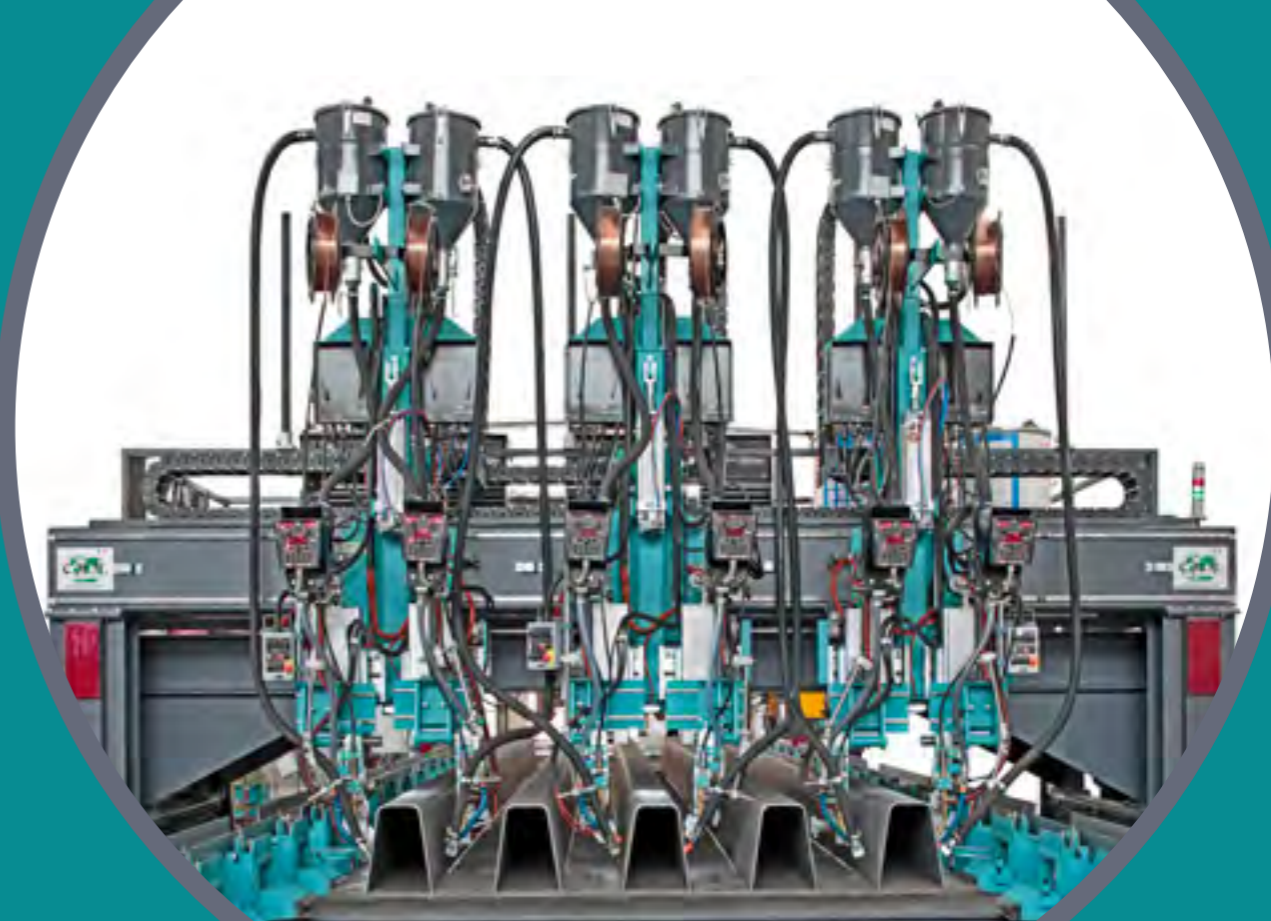
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Type of Beams

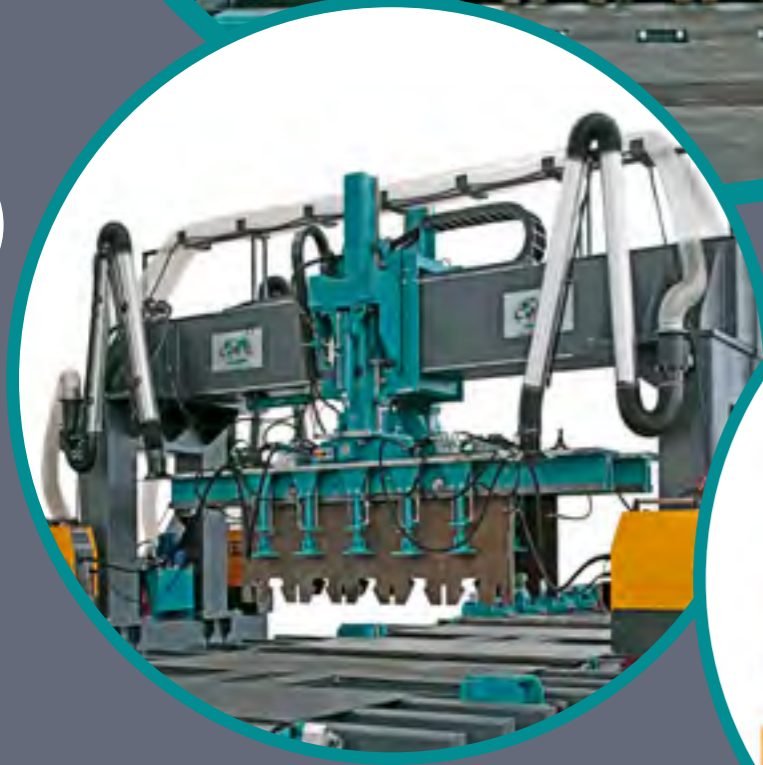


Specifications		min	max
Web height	mm	200	2500
Web thickness	mm	6	30
Flange width	mm	200	800
Flange thickness	mm	6	50
Weight	Kg/m		1500
Length	mm	4000	20000

Orthotropic Deck Solution



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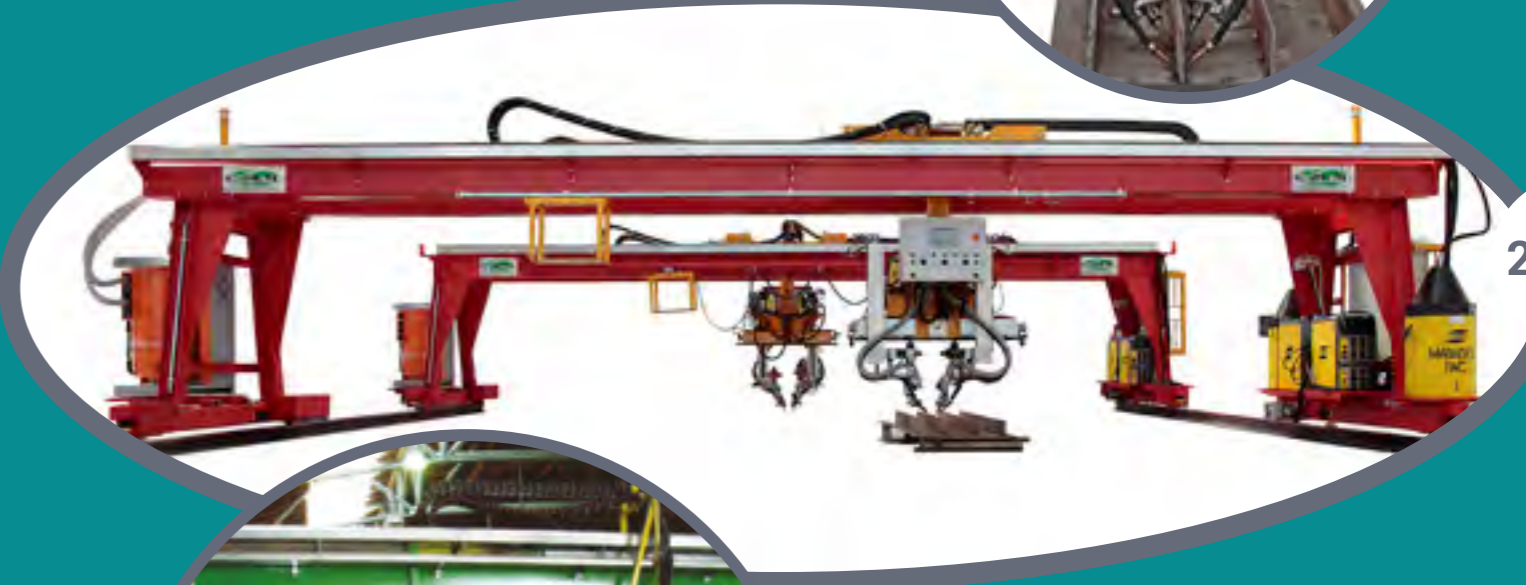
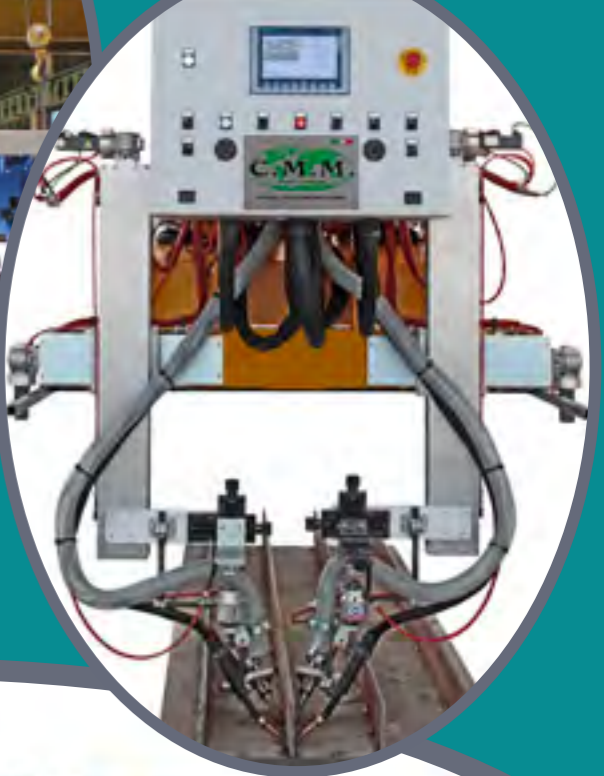


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Specifications		min	max
Plate width	mm	1000	4000
Plate thickness	mm	6	25
Plate length	mm	6000	30000
Rib height	mm	100	400
Rib thickness	mm	5	12
Ribs Distance	mm	400	As needed

Wind Towers Solutions

Panel Lines for Shipbuilding Industry



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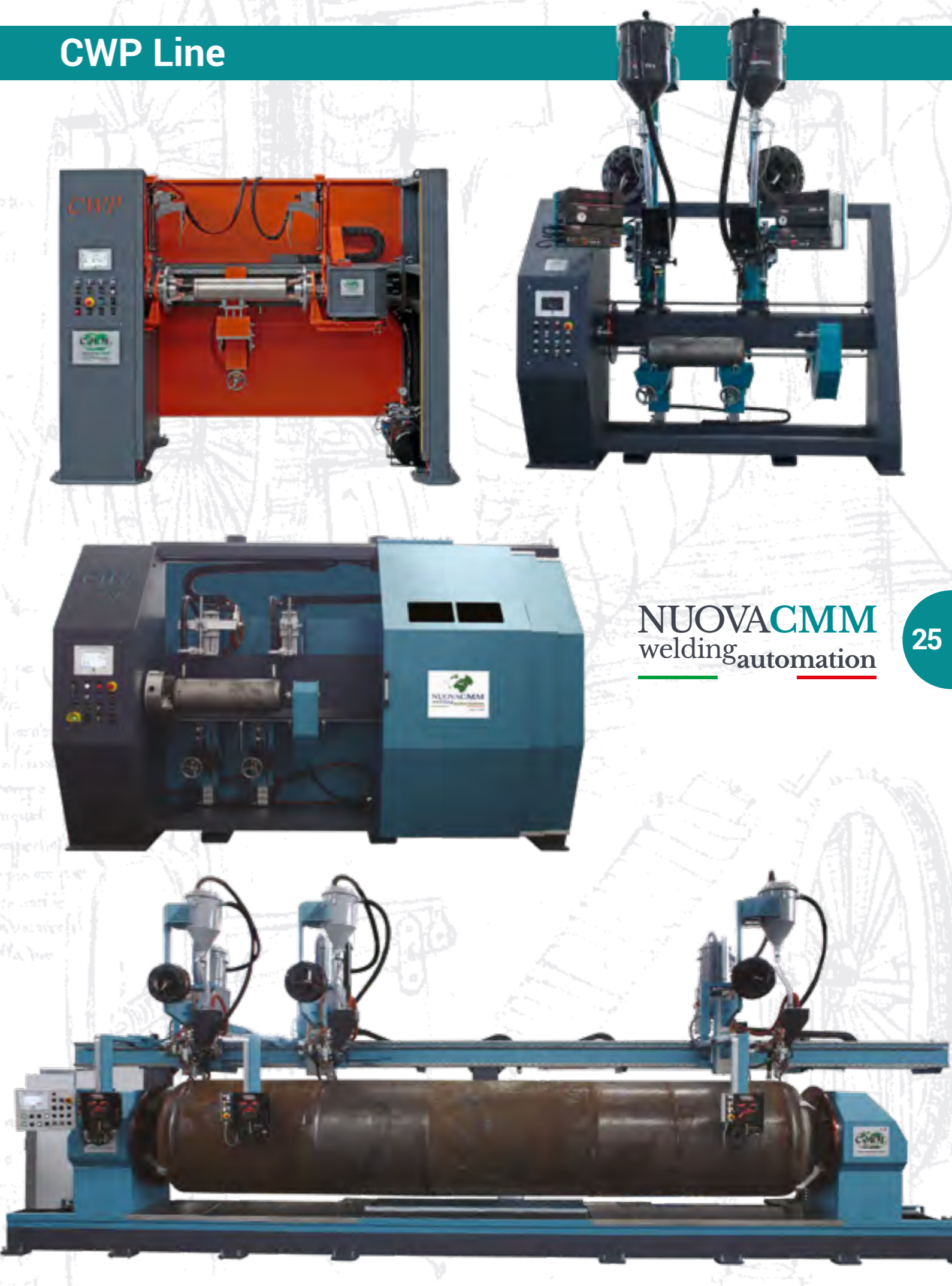
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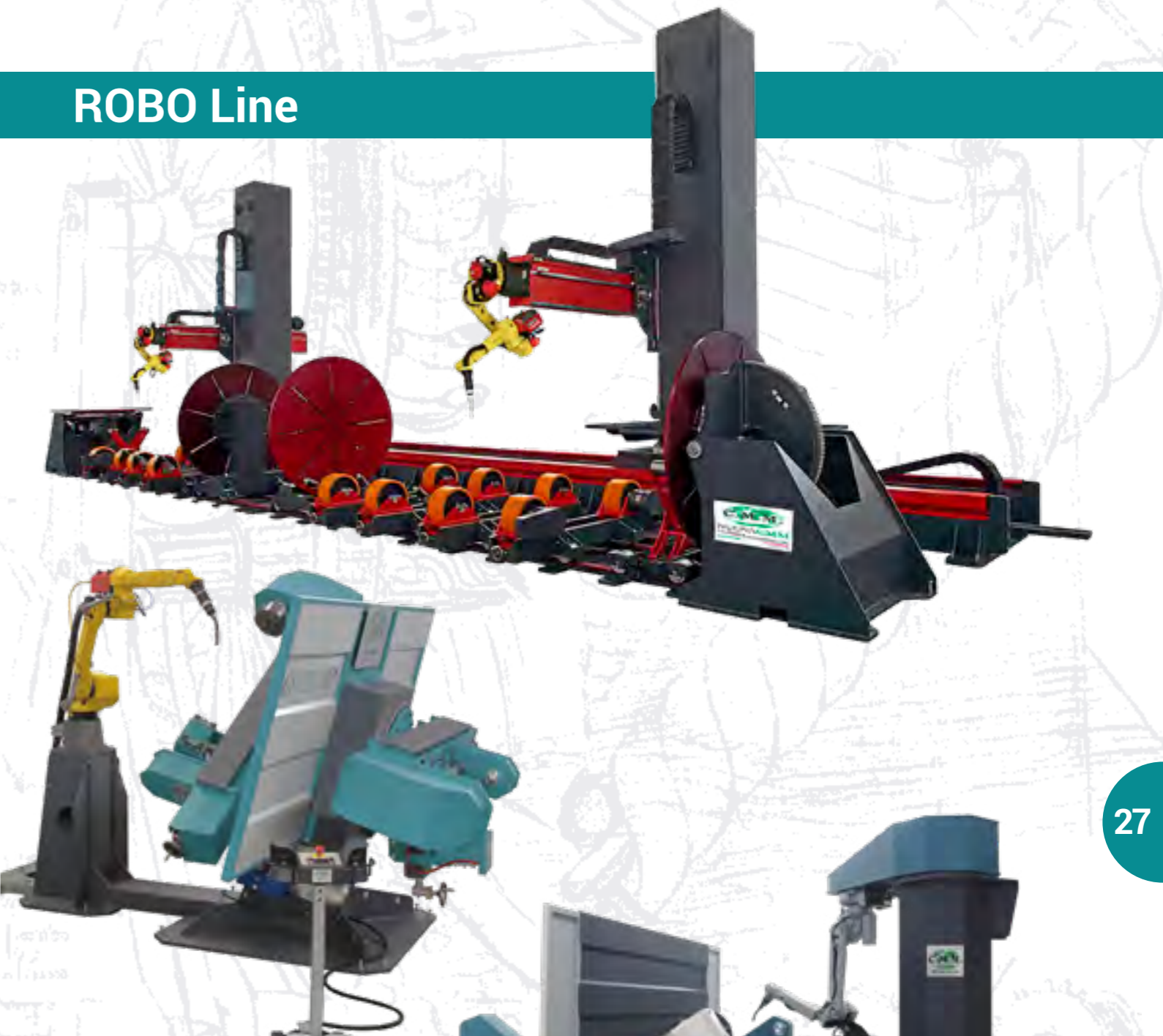
SW Line



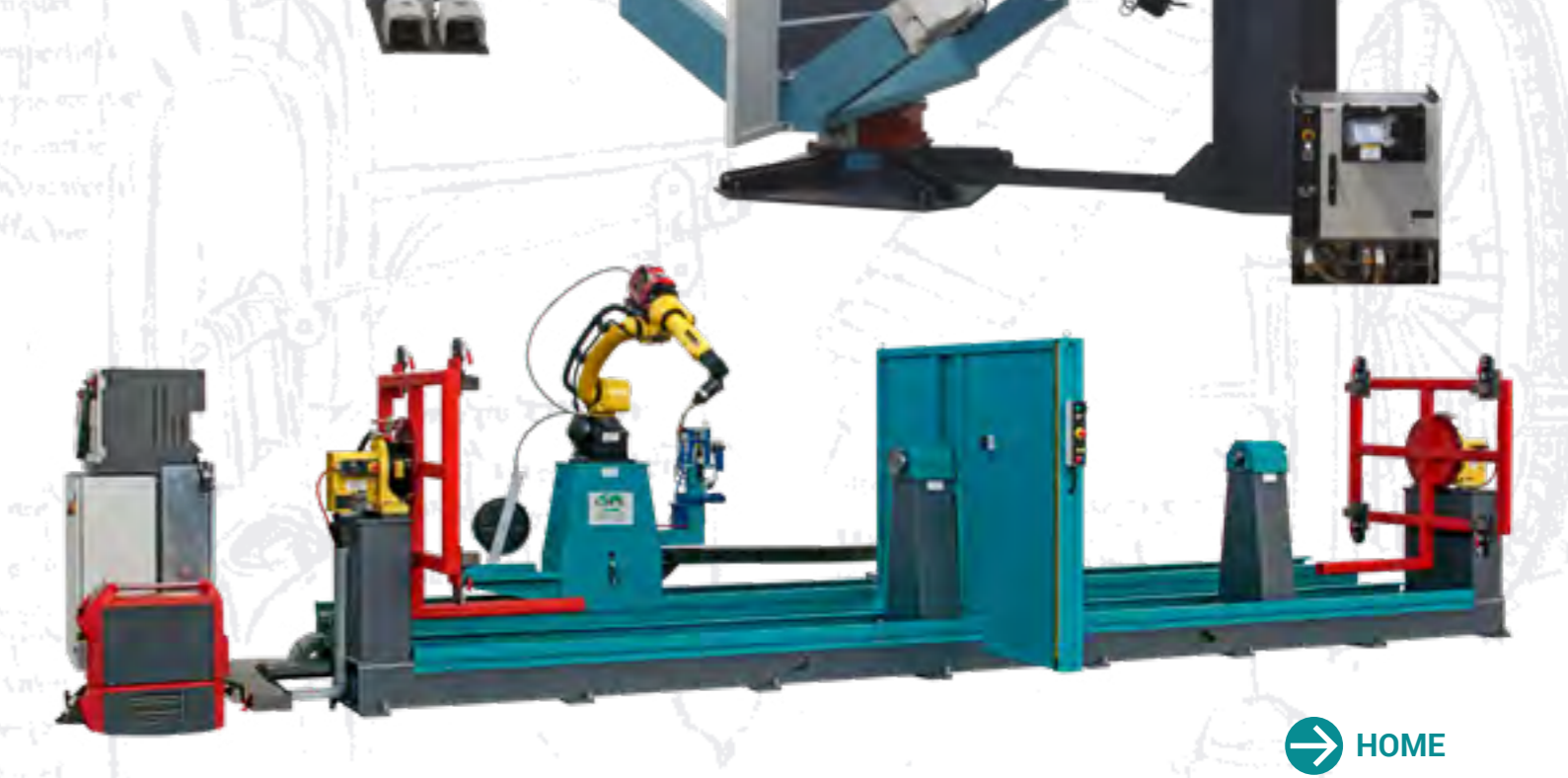
CWP Line



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since 1974

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