GRUPO CTM

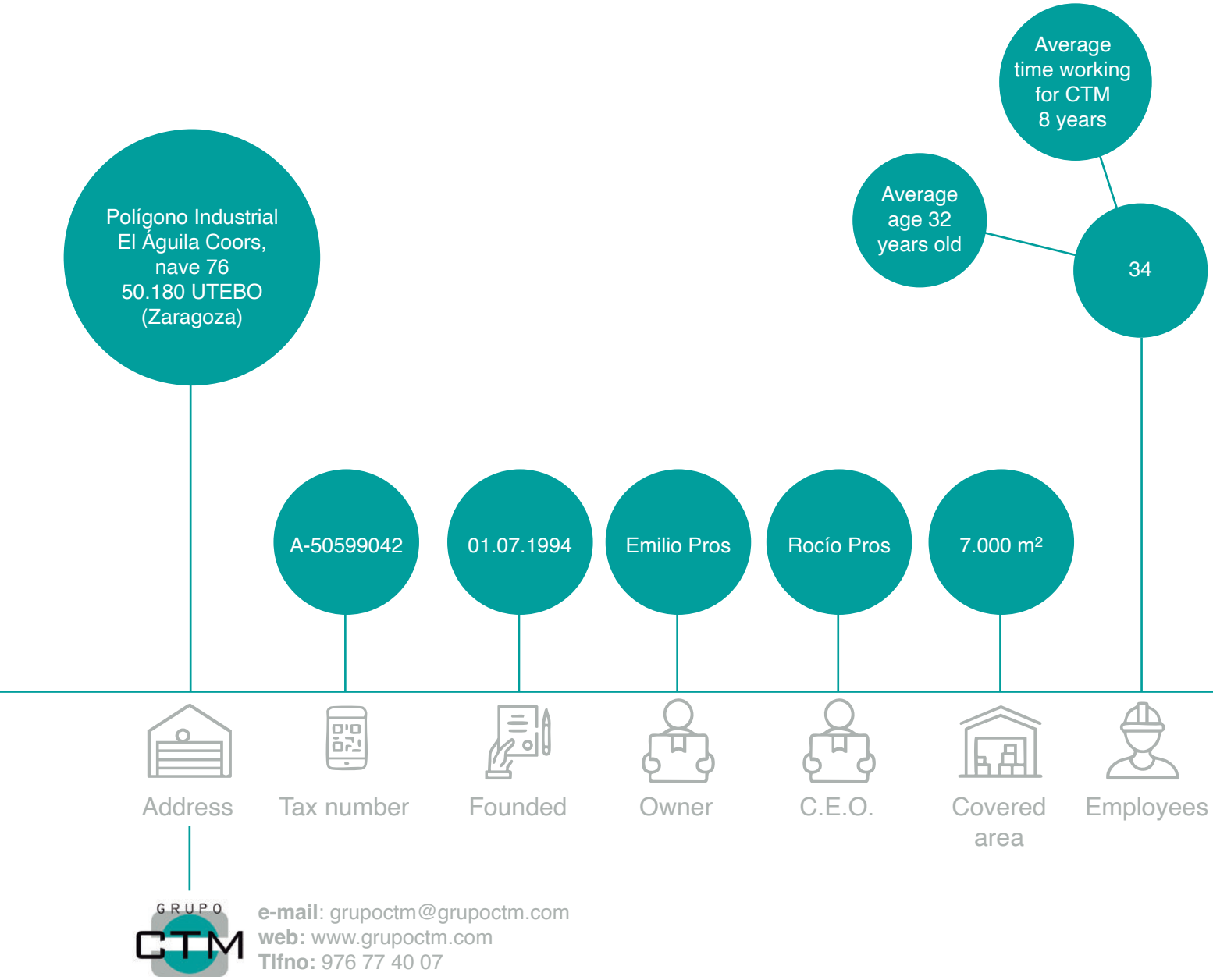
Presentation of the Companies





Company profiles

General details



GRUPO CTM

e-mail: grupoctm@grupoctm.com
web: www.grupoctm.com
Tlfno: 976 77 40 07

Main products

Elevator/lift chassis
Tanks
Mechanism
Sports equipment
Automotive chassis
Supports
Safety elements
Machine frame
Reinforcements
Wind and solar material
Container parts
Trays/pipes for storage, furniture, fences...

Situación


Av. MiguelServet
Av. MiguelServet
Calle Rumania
Calle Hotanda
Camino de las Canteras
Carretera de Logroño
Av. MiguelServet
Carretera de Logroño
Polígono Industrial
El Águila Coors,
nave 76
50.180 UTEBO
(Zaragoza)
Parque
Collarada
A-68
Autovía del Ebro

Activities





Main activity

Cutting sheet metal by laser, plasma, oxicorte and water.
Punching, folding, bending, stamping...
Cutting and mechanizing pipes and Steel profiles by laser.
Cutting and mechanizing non-ferric pipes and profiles by laser.
Electric and resistance soldering, MIG/MAG, TIG for all types of materials.

Processed Materials

Steel sheet laminated in cold, low in carbon, non-alloy, for stamping or shaping in cold, according to UNE 36-086.
Steel sheet and strap laminated in hot, low in carbon, non — alloy, for stamping or shaping in cold according to UNE 36-093.
All qualities of Steel for cutting by laser, plasma and oxicorte.
All qualities of stainless Steel.
Galvanized Steel sheet.
All qualities of aluminium.
Non-alloy material for cutting by water: bakelite, plastics, methacrylate, polycarbonate, marble, granite, copper, mica, glass, wood...
All types of pipes: carbon, stainless Steel, brass, copper, aluminium for cutting by laser...

Production and control equipment



Sheet cutting

Cizalla PROMECAM 3000 x 10 mm
Cizalla MEBUSA 3000 x 12 mm
Cizalla PASBI 2050 x 2 mm
Láser AMADA 3000 W 3000 x 1500 x 10 mm
Láser AMADA 5000 W 3000 x 1500 x 30 mm
Láser AMADA optical fiber 3000 x 1500 x 30 mm
Láser AMADA optical fiber 3000 x 1500 x 30 mm
Combi AMADA 2500 W 3000 x 1500 x 6 mm
Plasma de high definition 14000 x 2500 x 35 mm
Plasma de high definition 9000 x 2000 x 20 mm
Plasma de high definition 6000 x 2000 x 20 mm
Plasma 8000 x 2500 x 50 mm



Pipe cutting

ADIGE LT722D 2500 W
Capacity:
Round Steel pipe up to 140 mm diameter, up to 8 mm thick, up to 6000 mm in length.
Square Steel pipe up to 120 mm , up to 8 mm thick, up to 6000 mm in length.
Steel profile up to 120 mm , up to 8 mm thick, up to 6000 mm in length.
ADIGE LTFIBER 2500 W (OPTICAL FIBER)
Capacity:
Round Steel pipe, stainless Steel, brass, copper, aluminium up to 140 diameter, up to 8000 mm in length.
Square Steel pipe, stainless Steel, brass, copper, aluminium up to 120 , up to 8000 mm in length.
Profile Steel, stainless Steel, brass, copper, aluminium up to 120 , up to 8000 mm in length.
Thickness:
Ac 8 mm — Inox 5 mm — Al 6 mm — Cu 3 mm — Brass 5 mm.

ADIGE LT8.20 4000 W
Capacity:
Round Steel pipe up to 240 mm diameter, up to 12 mm thick, up to 6500 mm in length.
Square Steel pipe up to 200 mm , up to 12 mm thick, up to 6500 mm in length.
Steel profile up to 200 mm , up to 12 mm thick, up to 6500 mm in length.

ADIGE LTFIBER 4000 W (OPTICAL FIBER)

Capacity:
Round Steel pipe, stainless Steel, brass, copper, aluminium up to 240 diameter, up to 6500 mm in length.
Square Steel pipe, stainless Steel, brass, copper, aluminium up to 200 , up to 6500 mm in length.
Profile Steel, stainless Steel, brass, copper, aluminium up to 240 , up to 6500 mm in length.
Thickness:
Ac 12 mm — Inox 6 mm — Al 8 mm — Cu 4 mm — Brass 6 mm.



Water cutting

FLOW Mach 500 capacity 3000 x 2000 mm.

Production and control equipment



Mechanical cutting of profiles

Band numerical control saw MG Mod. HU-440.
Band saw MG Mod. 300 MDI.

Sheet metal processes
Folding machine ACIAL length fooling 3000 mm, 160 Tm.
Folding machine AMADA length fooling 1000 mm, 50 Tm.
Folding machine AMADA length fooling 1500 mm, 50 Tm.
Folding machine AMADA length fooling 4000 mm, 220 Tm.
Folding machine AMADA length fooling 5000 mm, 330 Tm.
Panelling machine SALVAGNINI length fooling 2200 mm, thickness up to 3 mm.
Roller for bending sheet 3000 mm, thickness up to 4 mm.



Stamping and punching

Eccentric press ARISA de 160 Tm. Mod. RF-160 Table I-DxF-A 1050 x 800 mm.
Eccentric press ARISA de 100 Tm. Mod. RC-100-950-A Table I-DxF-A 925 x 500 mm.
Eccentric press ARISA de 45 Tm. Mod. BC-45-325 Table I-DxF-A 800 x 550 mm.
Hydraulic press INEBRO de 30 Tm. Mod. M-61.
Multi-punching GEKA Mod. HYDRACROP 80/S.



Soldering Equipment

Soldering press SERRA series PS Mod. SP500B.
Spot welding machine SERRA type LAP 80.
Solder robot MIG/MAG FANUC, with two independent tables 5000 x 1200.
Solder robot MIG/MAG FANUC, with two independent tables 3000 x 1000.
Automatic soldering unit PRAXAIR Mod. PROSEL-450 MIG (2 units).
Soldering unit TER WELDING MIG/MAG/TIG MultiSynergic 350K
Soldering unit GALAGAR (4 units).
Soldering unit LASER MANUAL RECI 1500 W



Maintenance equipment

Cylindrical lathe HERREIZ de 1000 mm between spots.
Cylindrical lathe CUMBRE de 500 mm between spots.
Spot welding OERLIKON Mod. UB-2.
Drill ZUDAM.
Drill column IBA Mod. EA-40.
Threading machine with multiples spindles CICLOMATIC.
Threading machine CICLOMATIC spindle pattern double head.



Finishings

Spray Paint (booth 6000 x 400), zinced, nickelled, chromed, electropolish...

Commercial aspects



The CTM Group is in the market of equipment for lifting, in particular, all types and sizes of lifts/elevators.

Also, in the market of bodywork for industrial vehicles.

Finally, the Group has strongly placed itself in the market of sports equipment and alternative, wind and photovoltaic energies, where quality and service has maintained this position in the market.

The Group is cutting-edge in development and industrialisation of prototypes for new products, that once approved, are mass produced.

Although there is a lot of competition cutting and processing sheet metal, we have little competition engineering and developing prototypes, because we meet the needs of our clients.


Flow
Mach 500
Flow


AMADA
ENSIS 3015 AJ


20

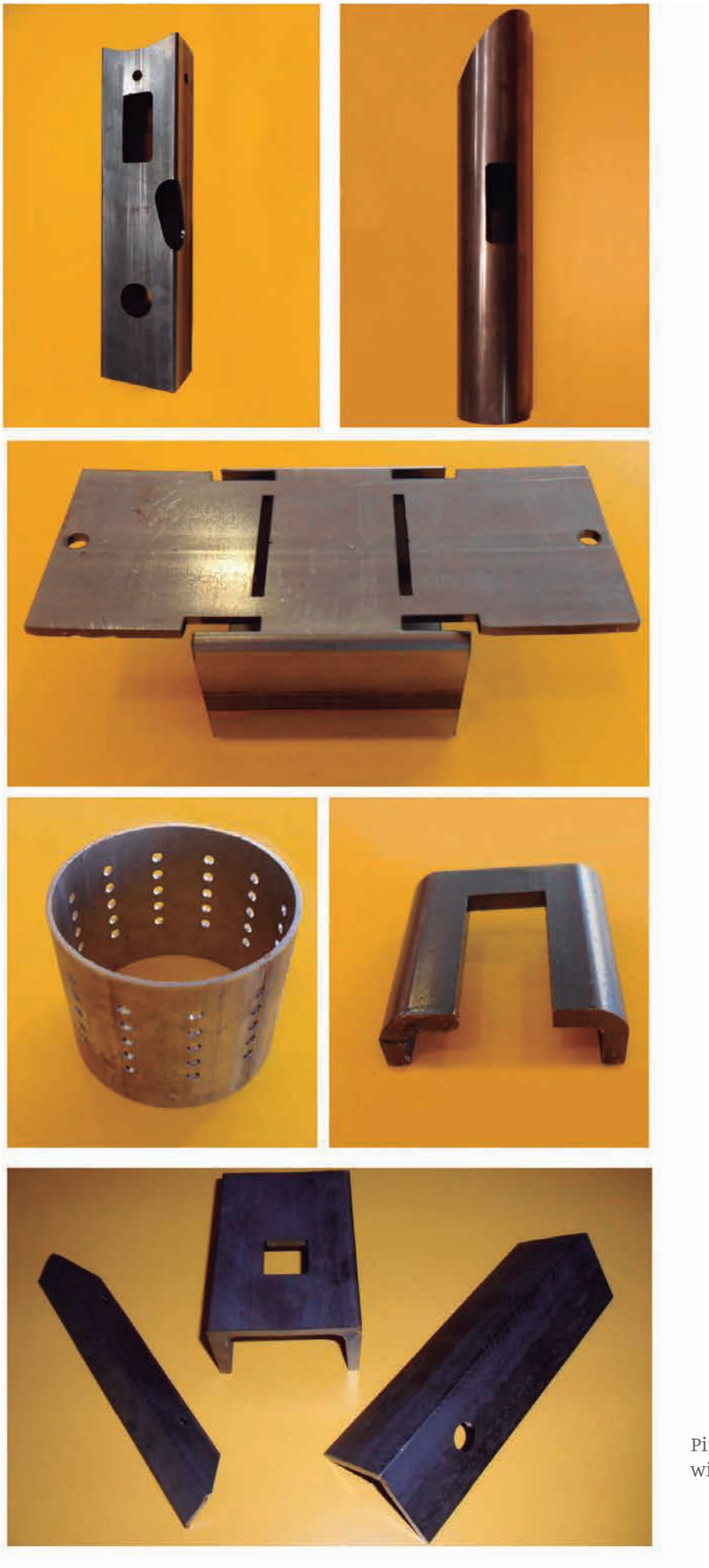

HFP 220-40 NT


Fiber Laser Technology

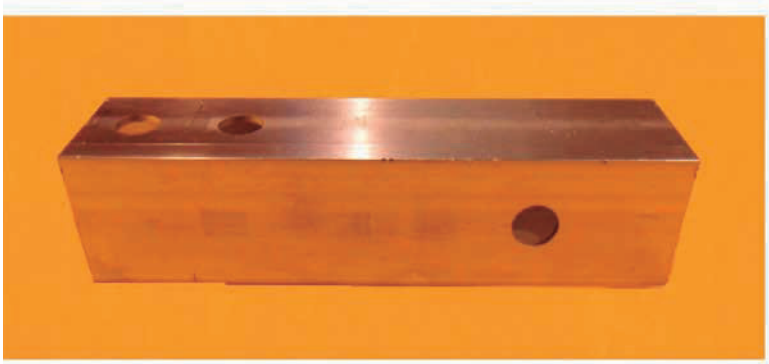


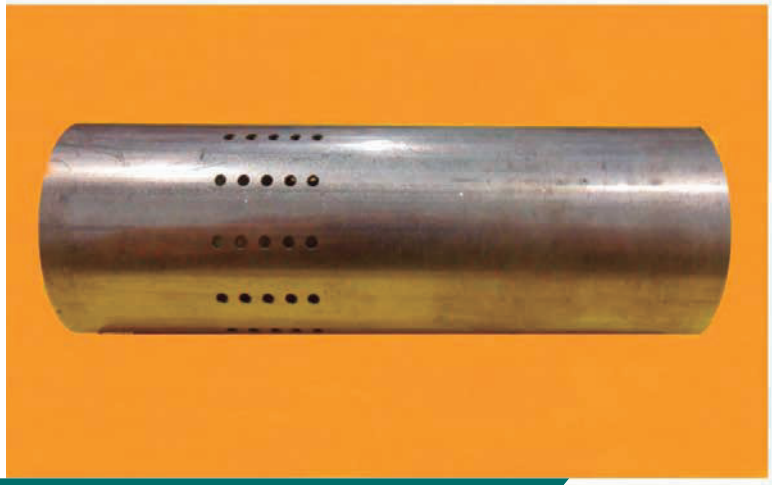


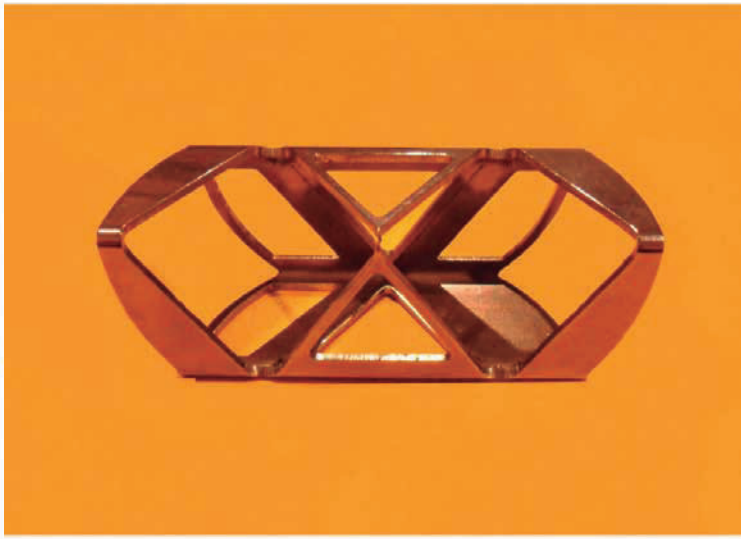




Pipes and profile mechanized with laser.

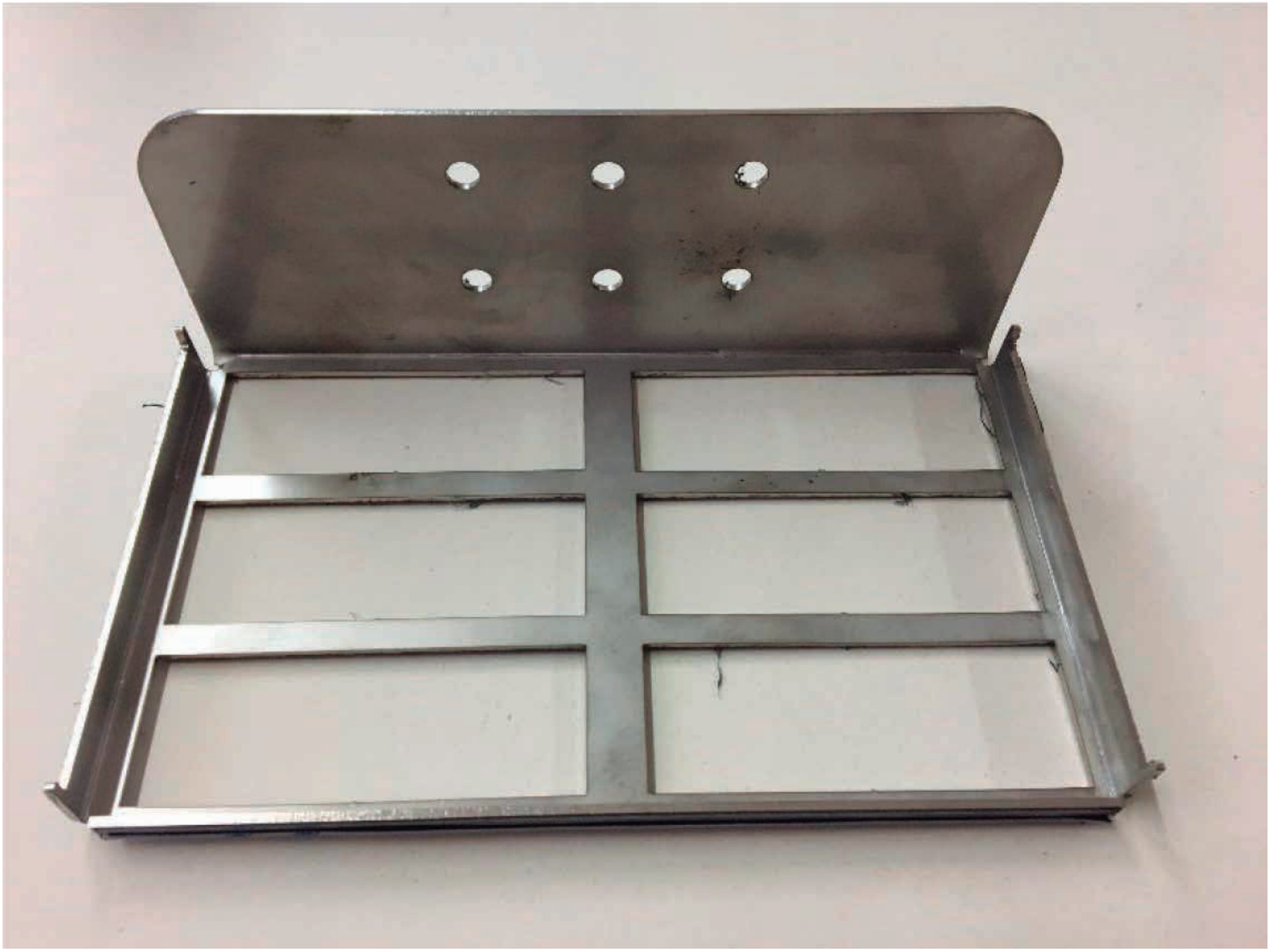


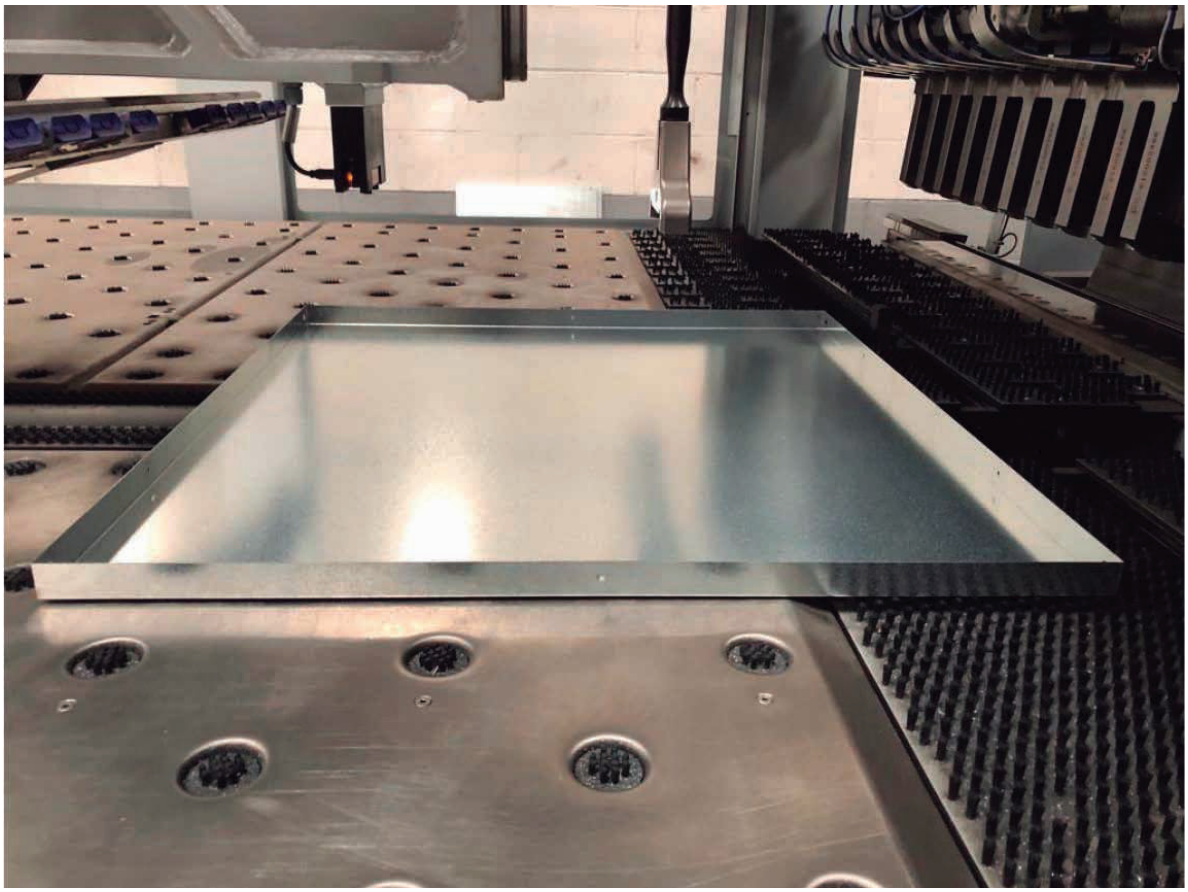




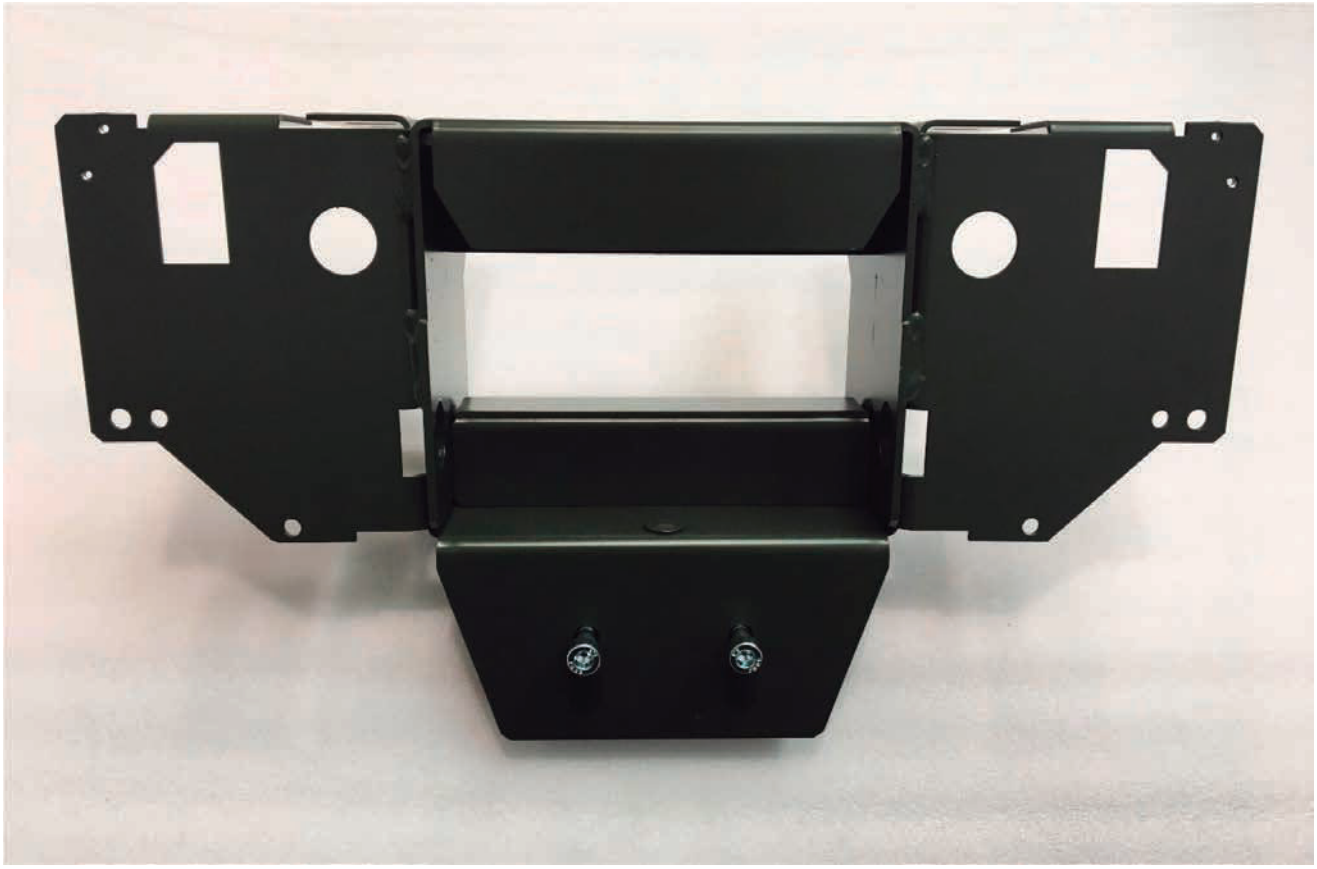


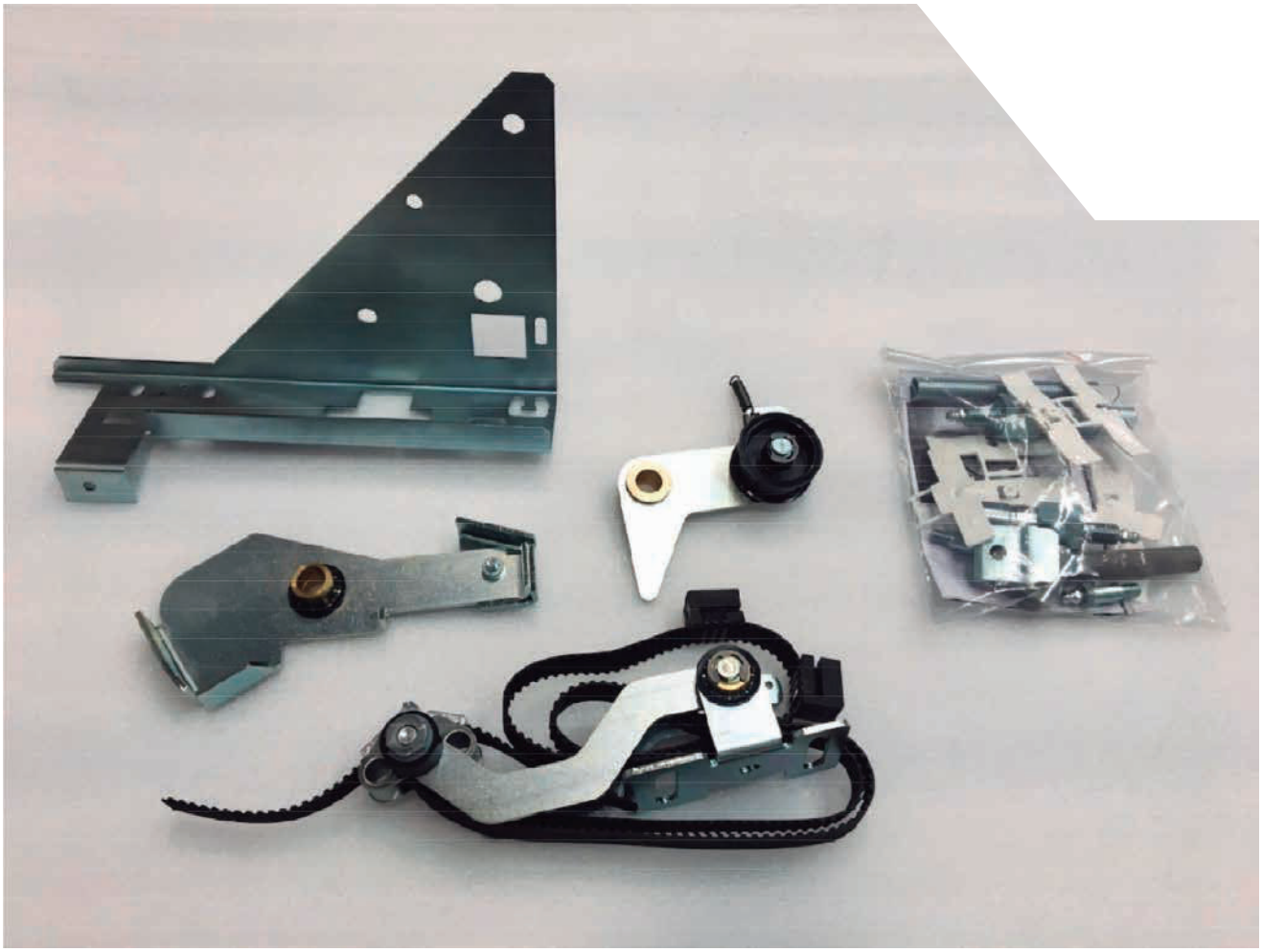
Pipes and profiles stainless Steel and aluminium mechanized by laser.











Cutting and processing sheets, finishes and assembly.

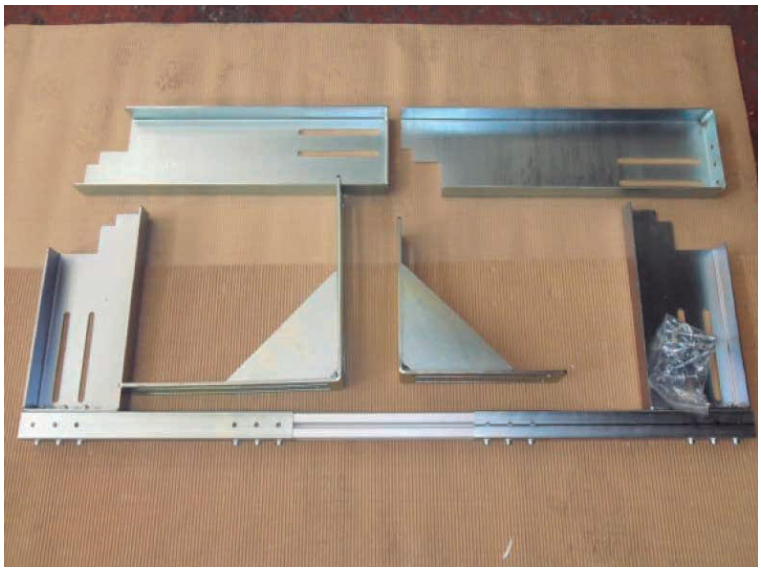


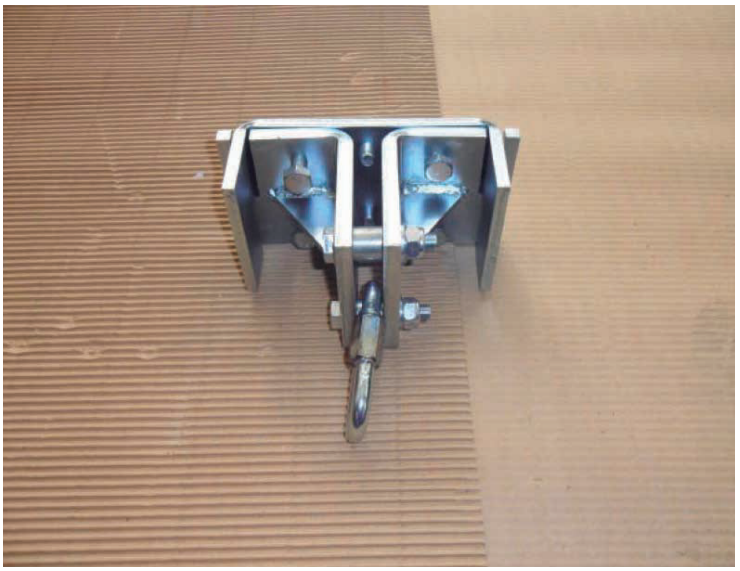


Development, design and manufacturing of modular frames free standing units for lifts/ elevators. New projects and redevelopment/ refurbishing.

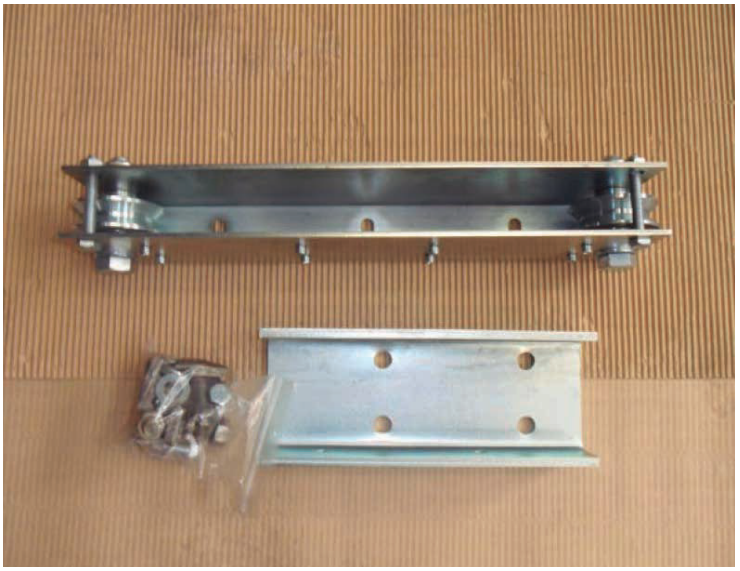




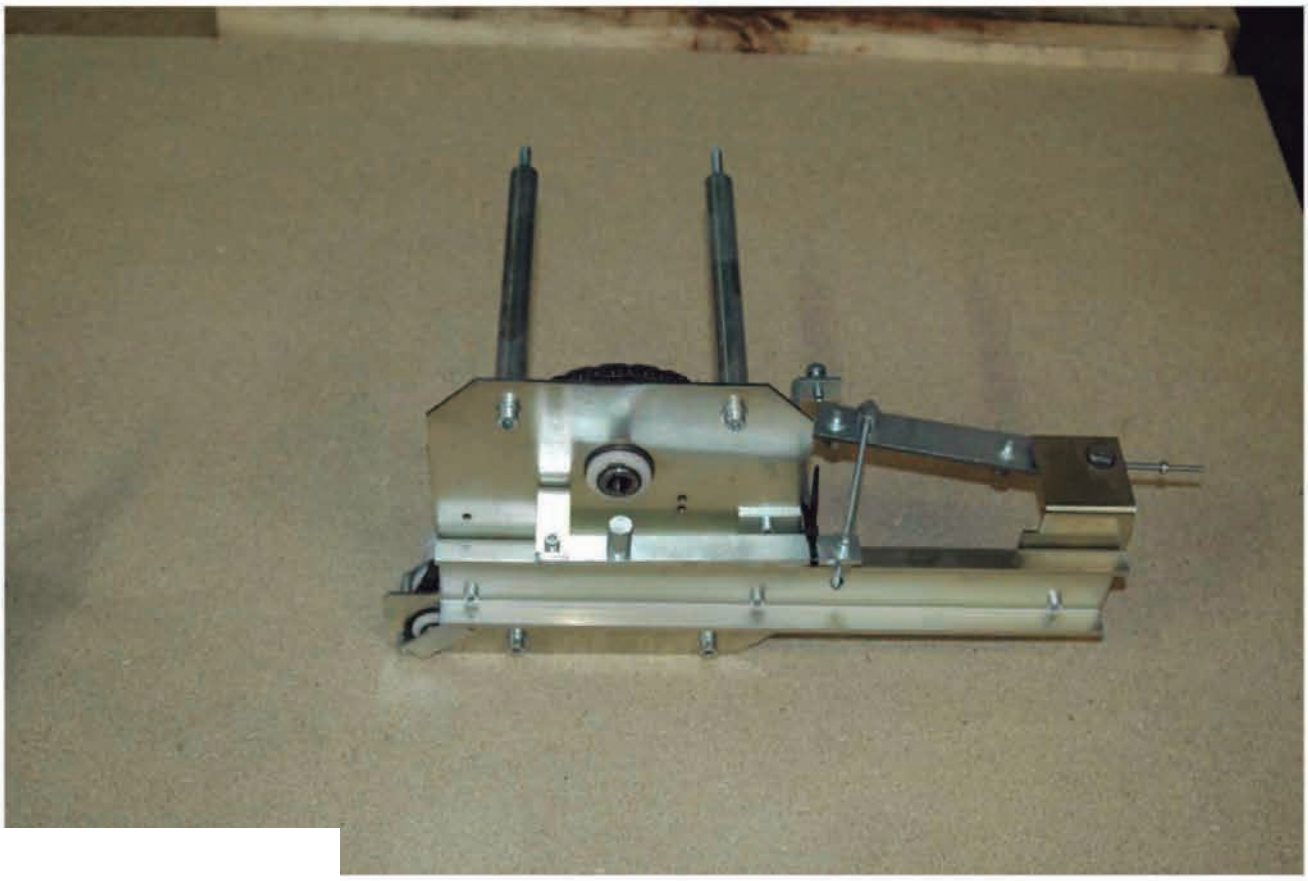


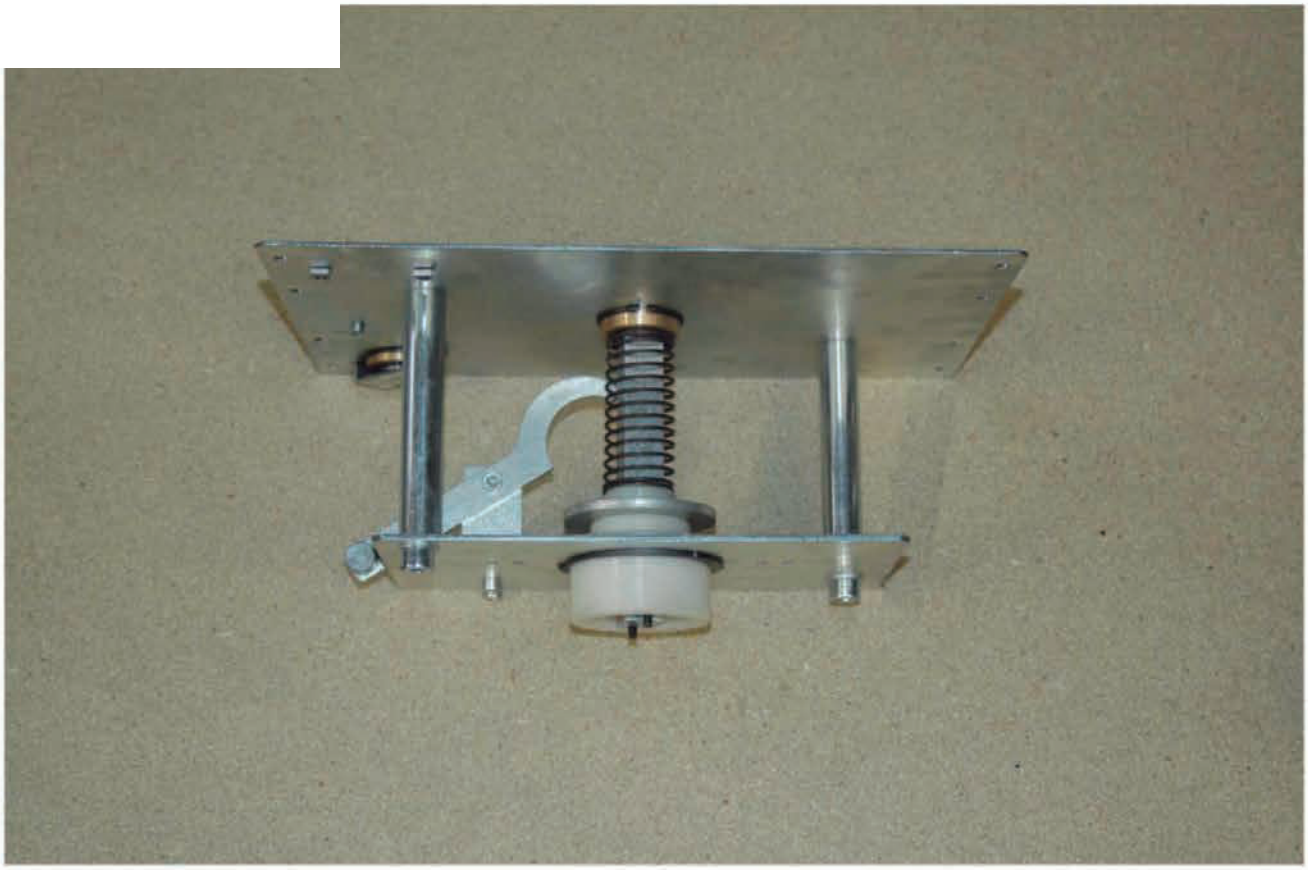






Manufacturing structures for refurbishing steps and hall.

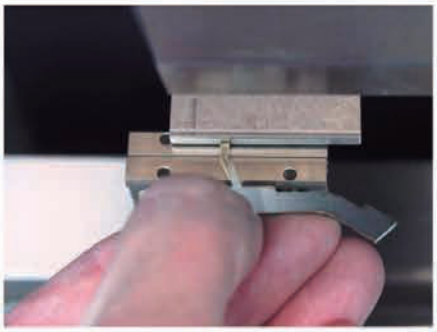




Development and manufacturing of tooling for overhauling and assembling lifts/elevators.













Tooling prototypes and start-ups for mass production for complicated geometric pieces.





Equipment for all types of tracks and sports venues and development and manufacturing of athletics equipment for the Tokyo 2020 Olympic Games.


TOKYO 2020


TOKYO 2020
TOKYO 2020
TOKYO 2020
TOKYO 2020
TOKYO 2020
TOKYO 2020
TOKYO 2020


TOKYO 2020
55

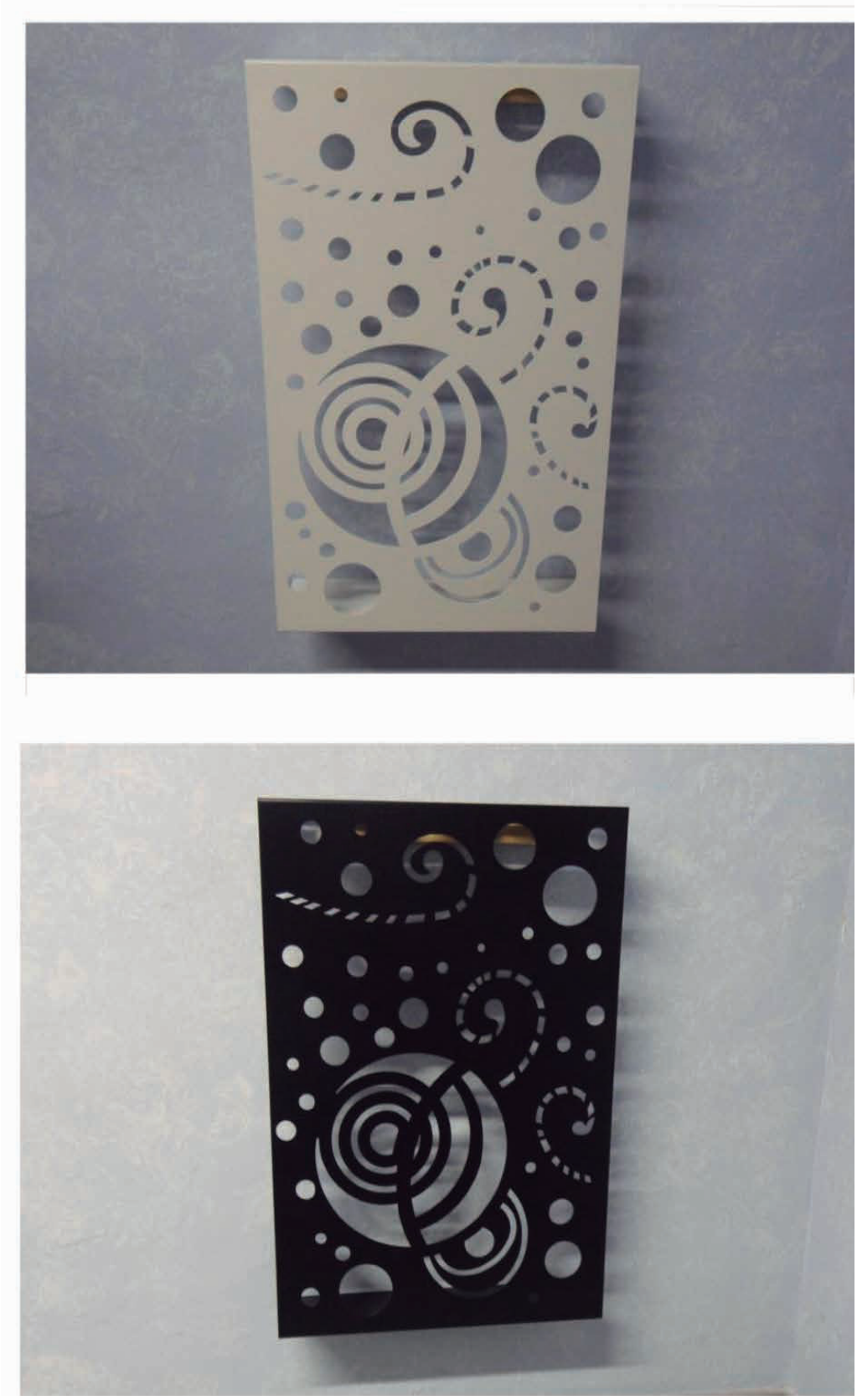


Equipment for all types of tracks and sports venues and development and manufacturing of athletics equipment for the Tokyo 2020 Olympic Games.

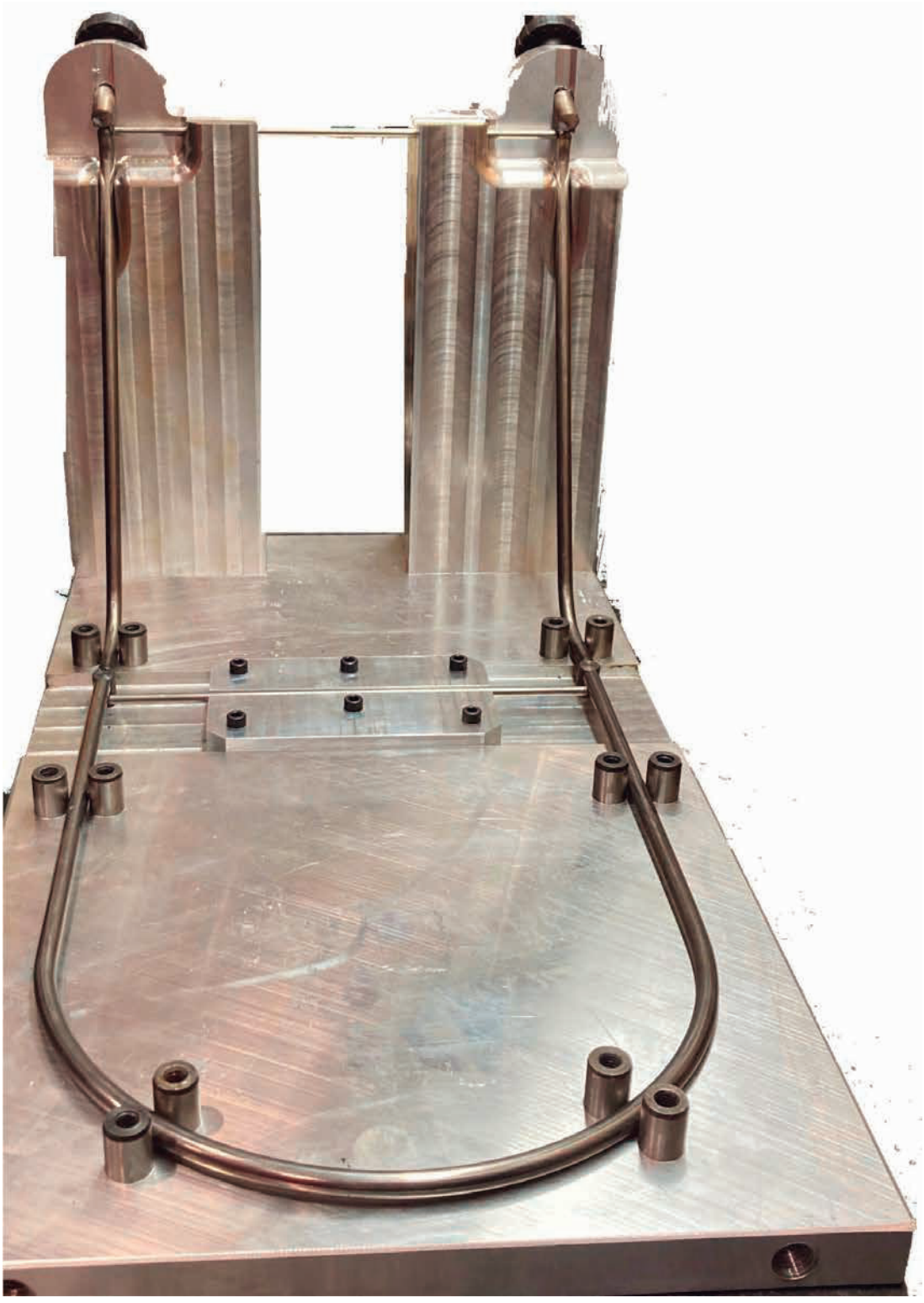




Manufacturing decorative items for the home.

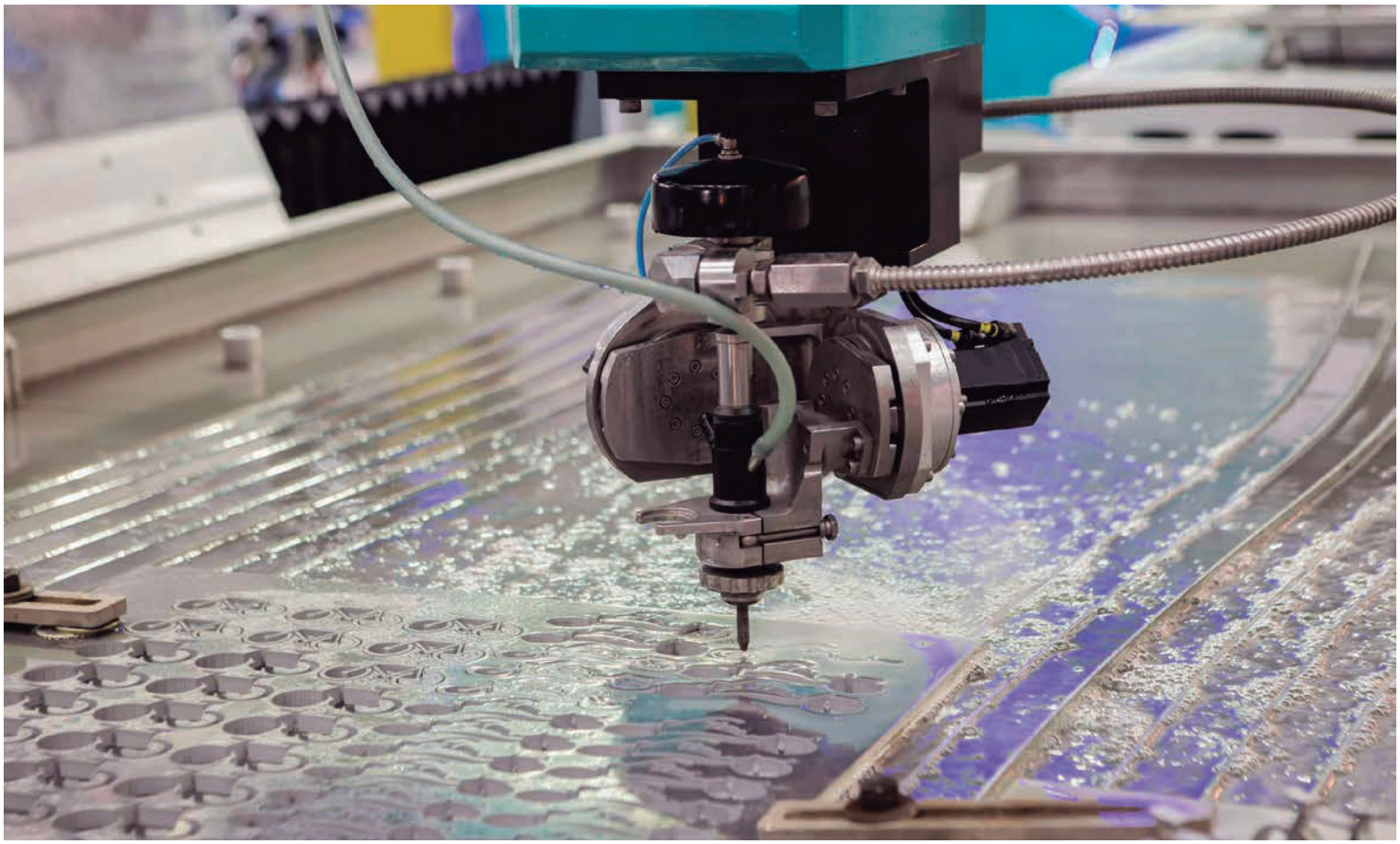


Manufacturing decorative items for the home.



Welding tooling

Main clients and approvals



Main clients and approvals

Approvals

Schindler S.A.
Wittur Austria GbnH y TUV SDD

Certificado del Sistema de Gestión.

Quality Management Lead, certifica que el Sistema de Gestión de Calidad de la Organización:

COMPAÑÍA DE TRANSFORMACIONES METÁLICAS DE ARAGÓN, S.A.

Parque Empresarial el Aguila Coors, Nave 76
50180 Utebo
Zaragoza, España.

Ha sido auditado y evaluado conforme a la Norma de Referencia:

ISO 9001:2015

El sistema de gestión ha sido encontrado conforme para las siguientes actividades reflejadas en su alcance de:

Transformaciones metálicas de chapa y tubo, mecanización, soldadura y montaje de pequeños conjuntos metálicos.

Número de Certificado:	Q-048/24
Certificación inicial:	11/09/2023
Fecha de emisión:	08/10/2026
Caducidad del certificado:	10/09/2029

Main clients and approvals

CERTIFICADO DE ENSAYO DE CUALIFICACION DEL SOLDADOR
WELDER'S QUALIFICATION TEST CERTIFICATE

Página *Page* **1 / 1**

Designación (s): *Designation (s):*	**UNE-EN ISO 9606-1, 135, P, FW, 1.1, FM1, S, t10, PB, ml**		
Referencia de la WPS: *WPS reference*	**CTM-135 Rv.0**	Nº de referencia del organismo examinador: **715868789-HS-01** *Examining body - Reference Nº:*	Foto (si se requiere) *Photograph (if required)*
Nombre del soldador: *Welder's Name*	**PEDRO ANGEL MERLO**		
Identificación: *Identification*	**- - -**		
Método de identificación: *Method of Identification*	**N.I.F.: 25481802X**		
Fecha y lugar de nacimiento: *Date and place of birth*	**11/07/1979-ZARAGOZA**		
Empresa: *Employer*	**COMPAÑÍA DE TRANSFORMACIONES METALICAS DE ARAGON SA (CTM)**		
Norma de ensayo / código: *Testing standard / code*	**UNE-EN ISO 9606-1 (2017)**		
Evaluación de conocimientos: *Job knowledge*	~~Aceptable~~/No examinado (eliminar según proceda) *~~Acceptable~~ / Not tested (delete as necessary)*		

	Cupón de ensayo / *Test piece*	**Rango de cualificación** / *Range of qualification*
Proceso (s) de soldeo *Welding process (es)*	**135**	**135, 138**
Modo de transferencia *Transfer mode*	**Cortocircuito**	**Cortocircuito, Spray, Globular y Pulsada**
Tipo de producto (chapa o tubo) *Product type (Plate or Pipe)*	**P(Chapa)**	**P(Chapa) y T (Tubo)**
Tipo de soldadura *Type of Weld*	**FW (Angular)**	**FW (Angular)**
Grupo(s)/subgrupo(s) de metal base *Parent material group(s)/subgroup(s)*	**1 / 1.1**	**Aceros**
Grupo(s) de material de aportación *Filler material group(s)*	**FM1**	**FM1 y FM2**
Material de aportación (Designación) *Filler material (Designation)*	**EN ISO 14341-A-3GSi 1 ; ER70S-6 SFA 5.18**	**M y S**
Gas de protección *Shielding gas*	**Ar+CO_2 ISO 14175**	**Similares Activos**
Elementos auxiliares *Auxiliaries*	**N. A.**	**N. A.**
Tipo de corriente y polaridad *Type of current and polarity*	**DC EP**	**DC-EN, DC-EP**
Espesor del material (mm) *Material Thickness (mm)*	**FW: 10 mm**	**FW: ≥3mm**
Espesor depositado (mm) *Deposited thickness (mm)*	**NA.**	**NA.**
Diámetro exterior del tubo (mm) *Outside pipe diameter (mm)*	**NA.**	**Tubo fijo Ø ext.≥ 500 mm en PA y PB, y Tubo Rotando Ø ext.≥ 75 mm en PA y PB**
Posición de soldeo *Welding Position*	**FW: PB**	**FW: PA, PB**
Detalles de la soldadura *Weld details*	**NA.**	**NA.**
Capa múltiple/capa única *Multilayer/single layer*	**ml**	**sl y ml**

Ensayo de soldadura en ángulo suplementaria (completada conjuntamente con una cualificación de soldadura a tope): Aceptable/~~No aceptable~~.
Supplementary fillet weld test (completed in conjunction with a butt weld qualification): Acceptable/~~Not acceptable~~.

Tipo de ensayos / *Type of test*	**Realizado y aceptado** *Performed and accepted*	**No ensayado** *Not tested*
Inspección visual / *Visual testing*	X	-
Examen radiográfico / *Radiographic test*	-	X
Examen por ultrasonidos / *Ultrasonic test*	-	X
Ensayo de rotura / *Fracture test*	X	-
Ensayo de doblado / *Bend test*	-	X
Ensayo de tracción con entalla / *Notch tensile test*	-	X
Examen macroscópico / *Macroscopic examination*	-	X

Nombre del examinador / *name of examiner:* **O. SEGURA**
Fecha de soldeo / *Date of welding:* **04/10/2024**
Fecha y lugar de emisión/ *Date of issue and signature:* **07/11/2024**

Firma del examinador / *Sign of examiner*
TÜV SÜD Iberia, S.A.U. A-81670614

Revisado por: V.N. CESPEDES / *Revised by*
TÜV SÜD Iberia, S.A.U. A-81670614

Renovación - 9.3 a) *Revalidation*	X	Válido hasta *Valid until* **04/10/2027**	Renovación - 9.3 b) *Revalidation*		Válido hasta *Valid until*	Renovación - 9.3 c) *Revalidation*		Válido hasta *Valid until*

Renovación de la cualificación por persona u organismo examinador para los siguientes 2 años (Referido a 9.3 b))
Revalidation for qualification by examiner or examining body for the following 2 years (Referred to 9.3 b))

Fecha / ***Date***	**Firma** / ***Signature***	**Posición o cargo** / ***Position or title***

Confirmación de la validez por la empresa/coordinador del soldeo para los 6 meses siguientes (referido al 9.2)
Confirmation of the validity by employer/welding coordinator / examiner or examining body for the following 6 months (referred to 9.2)

Fecha / ***Date***					
Firma / ***Signature***					
Posición o cargo / ***Position or title***					

UNE-EN ISO 9606-1, Formato WPQ Rev. 7– 15-06-2020

Main clients and approvals

CERTIFICADO DE ENSAYO DE CUALIFICACION DEL SOLDADOR
WELDER'S QUALIFICATION TEST CERTIFICATE

Página *Page* 1 / 1

Designación (s): *Designation (s):*	**UNE-EN ISO 9606-1, 135, P, FW, 1.1, FM1, S, t10, PB, ml**		
Referencia de la WPS: *WPS reference*	**CTM-135 Rv.0**	N° de referencia del organismo examinador: *Examining body - Reference N°:* **715868789-HS-02**	Foto (si se requiere) *Photograph (if required)*
Nombre del soldador: *Welder's Name*	**MIGUEL CUARTERO OLIVEROS**		
Identificación: *Identification*	- - -		
Método de identificación: *Method of Identification*	**N.I.F.: 73002535Y**		
Fecha y lugar de nacimiento: *Date and place of birth*	**17/07/1988-ZARAGOZA**		
Empresa: *Employer*	**COMPAÑÍA DE TRANSFORMACIONES METALICAS DE ARAGON SA (CTM)**		
Norma de ensayo / código: *Testing standard / code*	**UNE-EN ISO 9606-1 (2017)**		
Evaluación de conocimientos: *Job knowledge*	~~Aceptable~~/No examinado (eliminar según proceda) *~~Acceptable~~ / Not tested (delete as necessary)*		

	Cupón de ensayo / *Test piece*	**Rango de cualificación** / *Range of qualification*
Proceso (s) de soldeo *Welding process (es)*	**135**	**135, 138**
Modo de transferencia *Transfer mode*	**Cortocircuito**	**Cortocircuito, Spray, Globular y Pulsada**
Tipo de producto (chapa o tubo) *Product type (Plate or Pipe)*	**P(Chapa)**	**P(Chapa) y T (Tubo)**
Tipo de soldadura *Type of Weld*	**FW (Angular)**	**FW (Angular)**
Grupo(s)/subgrupo(s) de metal base *Parent material group(s)/subgroup(s)*	**1 / 1.1**	**Aceros**
Grupo(s) de material de aportación *Filler material group(s)*	**FM1**	**FM1 y FM2**
Material de aportación (Designación) *Filler material (Designation)*	**EN ISO 14341-A-3GSi 1 ; ER70S-6 SFA 5.18**	**M y S**
Gas de protección *Shielding gas*	**Ar+CO_2 ISO 14175**	**Similares Activos**
Elementos auxiliares *Auxiliaries*	**N. A.**	**N. A.**
Tipo de corriente y polaridad *Type of current and polarity*	**DC EP**	**DC-EN, DC-EP**
Espesor del material (mm) *Material Thickness (mm)*	**FW: 10 mm**	**FW: ≥3mm**
Espesor depositado (mm) *Deposited thickness (mm)*	**NA.**	**NA.**
Diámetro exterior del tubo (mm) *Outside pipe diameter (mm)*	**NA.**	**Tubo fijo Ø ext.≥ 500 mm en PA y PB, y Tubo Rotando Ø ext.≥ 75 mm en PA y PB**
Posición de soldeo *Welding Position*	**FW: PB**	**FW: PA, PB**
Detalles de la soldadura *Weld details*	**NA.**	**NA.**
Capa múltiple/capa única *Multilayer/single layer*	**ml**	**sl y ml**

Ensayo de soldadura en ángulo suplementaria (completada conjuntamente con una cualificación de soldadura a tope): Aceptable/~~No aceptable~~.
Supplementary fillet weld test (completed in conjunction with a butt weld qualification): Acceptable/~~Not acceptable~~.

Tipo de ensayos / *Type of test*	**Realizado y aceptado** *Performed and accepted*	**No ensayado** *Not tested*
Inspección visual / *Visual testing*	X	-
Examen radiográfico / *Radiographic test*	-	X
Examen por ultrasonidos / *Ultrasonic test*	-	X
Ensayo de rotura / *Fracture test*	X	-
Ensayo de doblado / *Bend test*	-	X
Ensayo de tracción con entalla / *Notch tensile test*	-	X
Examen macroscópico / *Macroscopic examination*	-	X

Nombre del examinador / *name of examiner:* **O. SEGURA**
Fecha de soldeo / *Date of welding:* **04/10/2024**
Fecha y lugar de emisión/ *Date of issue and signature:* **07/11/2024**
Firma del examinador / *Sign of examiner*
Revisado por: V.N. CESPEDES / *Revised by*
TÜV SÜD Iberia, S.A.U. A-81670614

Renovación - 9.3 a) *Revalidation*	X	Válido hasta *Valid until* **04/10/2027**	Renovación - 9.3 b) *Revalidation*		Válido hasta *Valid until*	Renovación - 9.3 c) *Revalidation*		Válido hasta *Valid until*

Renovación de la cualificación por persona u organismo examinador para los siguientes 2 años (Referido a 9.3 b))
Revalidation for qualification by examiner or examining body for the following 2 years (Referred to 9.3 b))

Fecha / *Date*	**Firma** / *Signature*	**Posición o cargo** / *Position or title*

Confirmación de la validez por la empresa/coordinador del soldeo para los 6 meses siguientes (referido al 9.2)
Confirmation of the validity by employer/welding coordinator / examiner or examining body for the following 6 months (referred to 9.2)

Fecha / *Date*					
Firma / *Signature*					
Posición o cargo / *Position or title*					

UNE-EN ISO 9606-1, Formato WPQ Rev. 7– 15-06-2020





Polígono Industrial El Águila Coors, nave 76
50.180 UTEBO (Zaragoza)
e-mail: grupoctm@grupoctm.com
web: www.grupoctm.com
Tlfno: 976 77 40 07