



DISEÑO, FABRICACION Y MONTAJE DE PRODUCTOS METALICOS
CON APLICACION EN LA INDUSTRIA Y LA CONSTRUCCION:
ESTRUCTURAS, CERRAMIENTOS, TUBERIA Y CARPINTERIA



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MP Metallic Transformation is the commercial name of the company Montajes Pedro, S. L.

We manufactured following drawings provided by the client and we adapt to their necessities.

We are certificated in ISO 9001-2008 and ISO 3834.

PRODUCTS:

We manufactured small series or unique pieces for specific projects destined to:

Parts of capital goods. (Industrial installations or machinery)

Ex:

- Metallic structures for industrial buildings.
- Structural components of industrial installations or machinery.
- Structures for conveyor belts.
- Auxiliary elements like stairs or handrails.

Singular elements.

Light and medium weight plate works, hoppers, duct works, containers.

Other:

Component welding assembly, where the plate work is more representative than the machining, although we could study when more machining exist.

Materials that we use:

With priority carbon steel and stainless steel, also working with welded aluminium.

Final treatment of our products:

We offer: steel grit, primer, metal coating, galvanized and painted.

SECTORS:

Industry: Cement, chemical, petrol-chemical, paper-mill firm, mining, livestock, agricultural, automotive, steel and additives, nuclear, railway and naval.

INSTALATIONS – MANUFACTURE:

2.000 m² of manufacturing area and 216 m² of offices.

Transport communication:

Workshop perfectly communicated by highway, port, railway, and airport include.

- Company structure:
- Director: Mr. Pedro Fco. Gómez.
- Technical-commercial department: 5 persons.
- Technical office: composed by 5 persons, Engineers and designers, using calculation and design programs like CYPE, TECLA, CAD, SOLIDWORKS, etc.
- Production department: 25 qualify personnel.

Productive Capacity:

- * Lifting capacity of 15 tons with bridge crane and no limit with mobile cranes.
- * Cut by band saws automatic and semi-automatic.
- * Bench of oxyacetylene cut and plasma cut.
- * Bench of drill in profiles and plates.
- * Punch tool, shear cut and folding of plates.
- * Roller machines for pipes and profiles.
- * Welding equipment.
- * Approved procedures in different types of welding.
- * Qualify personnel approved in the different procedures.
- * The capacity for regular plate work is 40 tons per week.



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In attachment to the facility with 1000 m² of manufacturing area, we have machinery and tool for the machining.

- * Lathe CMZ TBI 520 of 450 mm diameter and 1 meter between points.
- * Milling machine CME 1100 with 1200 mm in X axis, 800 mm in Y axis and 500 mm in Z axis for pieces of 800 kilos on bench.
- * Lathe PR 900 of 4 meters between points and turn capacity of 2100 mm with out off cut for weight of 14000 kilos.
- * Lathes HB 725 with capacity of 1500 and 2500 mm between points.
- * Lathes GE-1000 with capacity of 2000 and 5000 mm between points making possible machined axis of 5000 kilos.
- * The machined capacity is 110 hrs of milling, 700 hrs of lathing and 50 hrs of rectified, weekly.

QUALITY SISTEM:

To the assurance of quality we have implanted a Quality System following ISO 9001 certificated by Bureau Veritas for the design, build and erection of metallic products with application to the industry and construction: structures, closures, piping and metal work.

Resources control

The control log sheet of work included in the ISO 9001-2008 quality system shows the type of inspection, frequently and incidents emerged in the works, supplemented by external audits in causes when required.

APPROVES OBTAINED:

MONTAJES PEDRO, S. L. has several welding procedures and welders approved by an external company in all proceedings.

ASME SECCION IX

SMAW (electrode): Union of carbon steel: 3G, upward from 4 to 20 mm.

GMAW (semiautomatic solid wire): Union of carbon steel: 3G, upward from 4 to 20 mm.

GTAW (TIG): 1G, upward 2" from 1,58 to 6 mm.

SMAW + GMAW (electrode + semiautomatic solid wire): Unión of steel refractario: 2G, 3G, F, V, H, para cualquier espesor y tubo de 24".

UNE-EN ISO 15614-1

FCAW (semiautomatic tubular wire): All positions except PG and J-L045, upward from 10 to 40 mm.

SMAW (electrode): Union of carbon steel with stainless steel plate, all positions except PG and J-L045, from 3 to 20 mm.

SMAW (electrode): Union of carbon steel with stainless steel pipes, all positions except PG and J-L045, any thickness.

OTHER IMPORTANT ASPECTS:

High capacity to adapt to new challenges of our customers.

Great capacity for change to new types of jobs.

Strict compliance with deadlines and technical requirements.

We can provide certificates of suitability from external audits.

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