

P.M.P. Meccanica S.r.l.

“WE CAN CREATE ALL THAT
WE CAN MEASURE”

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COMPANY PROFILE

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1- PURPOSE

The aim of this documents is to give you some information about our organization, in order to allow you a first evaluation of P.M.P. Meccanica S.r.l.

2- GENERAL INFORMATIONS

Company Name: P.M.P. Meccanica S.r.l.

Nominal Capital: 24.460,00 €

Year of foundation: 1959

Legal and Administration Office: Via Masetti, 3/A - 40012 Lippo di Calderara (BO)

e-mail: pmp@pmp-meccanica.it

web-site: www.pmp-meccanica.it

PMP1 Factory: Via Masetti, 3/A - 40012 Lippo di Calderara (BO)

Tel.: +39-051-726560

Fax: +39-051-726217

PMP2 Factory: Via Pradazzo, 1/E - 40012 Lippo di Calderara (BO)

Tel.: +39-051-6467114

Fax: +39-051-726217

3- QUALITY SYSTEM

P.M.P. Meccanica s.r.l. quality system has been certified since February 2000 by DNV ITALIA s.r.l.

At present, our quality system conforms to the UNI EN ISO 9001:2008 rule, as you can see from the enclosed up- dated certificate.

4- REFERENCES

General Manager: Mr. M. Pancaldi

Administration: Miss. P. Pancaldi

Product Manager: Mr. M. Florini

Technical Department Manager: Eng. G. Campagna

Quality Control Manager: Mr. M. Albertazzi

Quality System Manager: Mrs. P. Pancaldi

Sales Manager: Mr. M. Pancaldi

5- ATTACHED

- Quality System Certificate
- machining typology list
- machineries list



DNV BUSINESS ASSURANCE MANAGEMENT SYSTEM CERTIFICATE

Certificato No. / Certificate No. **CERT-05670-2000-AQ-BOL-SINCERT**

Si attesta che / This is to certify that

P.M.P. MECCANICA S.r.l.

Sede: Via Masetti, 3/a - 40012 Lippo di Calderara di Reno (BO) - Italy
(Riferimento al Supplemento "A" / Refer to Supplement "A")

è conforme ai requisiti della norma per i sistemi di gestione:
has been found to conform to the management system standard:

UNI EN ISO 9001:2008 (ISO 9001:2008)

Questa Certificazione è valida per il seguente campo applicativo:
This Certificate is valid for the following product or service ranges:

**Progettazione e costruzione di stampi e attrezzature per lavorazione lamiera a freddo.
Lavorazione meccaniche di precisione, elettroerosione a filo e a tuffo, rettifica CNC, fresatura
e tornitura su temprato ad alta velocità, lucidatura ottenuta con paste diamantate ad ultrasuoni,
realizzazione di attrezzature di misura, su specifica del cliente.
Tranciatura semi-fine, stampaggio a freddo e assemblaggio di particolari di lamiera (Settore EA : 17)**

**Design and manufacture of dies and special equipment for sheet metal cold working.
Manufacture of precision mechanical working, electron discharge machining, CNC precision grinding,
milling and turning, finishing by diamond paste, measuring equipment, according to customer's specifications.
Fine blanking, press working and assembling of sheet metal parts (Sector EA : 17)**

Data Prima Emissione/Initial Certification Date:

2000-02-07

Il Certificato è valido fino al:

This Certificate is valid until:

2018-01-27

L'audit è stato eseguito sotto la supervisione di/
The audit has been performed under the
supervision of

Giuseppe Prencipe
Lead Auditor



SGQ N°003 A
SGA N°003 B
SCR N°004 F

PRD N°003 B
SRG N°002 G
PSN N°001 I

Membro di NIA EA per gli schemi di accreditamento SGQ,
SGA, PRD, PSN, SRG e LAB di NIA DAP per gli schemi di
accreditamento SGQ, SGA, SRG, PSN e PRD
e di NIA LAC per gli schemi di accreditamento LAC

Luogo e Data/Place and Date:

Vimercate (MB), 2015-01-15

Per l'Organismo di Certificazione:

For the Certification Body:

Zeno Beltrami
Management Representative

La validità del presente Certificato è subordinata al rispetto delle condizioni contenute nel Contratto di Certificazione.
Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.



DNV BUSINESS ASSURANCE MANAGEMENT SYSTEM CERTIFICATE

Supplemento "A" / Supplement "A" to Certificate No. **CERT-05670-2000-AQ-BOL-SINCERT**

Le sedi e i servizi erogati da **P.M.P. MECCANICA S.r.l.** inclusi nella Certificazione sono i seguenti:
The units and services supplied by **P.M.P. MECCANICA S.r.l.** included in the Certification are the following:

Via Masetti, 3/a - 40012 Lippo di Calderara di Reno (BO) - Italy

Attività di tranciatura e assemblaggio di particolari in lamiera
Blanking, press working and assembling of sheet metal parts

Via Pradazzo, 1/E - 40012 Lippo di Calderara di Reno (BO) - Italy

Progettazione e realizzazione stampi. Lavorazione meccaniche di precisione
Design and manufacture of dies. Manufacture of precision mechanical working

Data Prima Emissione/Initial Certification Date:

2000-02-07

Il Certificato è valido fino al:

This Certificate is valid until:

2018-01-27

L'audit è stato eseguito sotto la supervisione di/
The audit has been performed under the supervision of

Giuseppe Prencipe
Lead Auditor



SGQ N°003 A PRD N°007 B
SGQ N°003 D SSF N°002 G
SGQ N°004 F FSN N°001 I

Membre di MILA SA per gli schemi di accreditamento SGQ,
SGQ, PRD, PDS, USP e LMS di MILA SAF per gli schemi di
accreditamento SGQ, SGQ, SSF, FSN e PRD
e di NEN-ENAC per gli schemi di accreditamento LMS

Luogo e Data/Place and Date:

Vimercate (MB), 2015-01-15

Per l'Organismo di Certificazione:

For the Certification Body:

Zeno Beltrami
Management Representative

La validità del presente Certificato è subordinata al rispetto delle condizioni contenute nel Contratto di Certificazione.
Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

DNV GL BUSINESS ASSURANCE ITALIA S.R.L. - VIA ENTREPRENEUR, 14 - 20871 VIMERCATE (MB) - ITALY - TEL. 039.60.99.905 - WWW.DNVGL.COM/IT

Our main characteristics and the reasons for choosing us

- ✓ High precision mechanical machining
- ✓ Sintering die manufacturing
- ✓ 3D parts design and manufacturing
- ✓ Fine blanking die design and manufacturing
- ✓ Follow die design and manufacturing
- ✓ Hard metal blanking design and manufacturing
- ✓ Control masters construction
- ✓ Extrusion aluminium construction
- ✓ Varying shape tools construction
- ✓ Die for paving tile construction
- ✓ Copper and graphite electrode design and manufacturing
- ✓ Blanking and pressing from 10 T to 250 T
- ✓ Semifine blanking with special presses
- ✓ Finished Unit assembling
- ✓ Die lapping

ADMINISTRATION

Technology
SAM ERP2 management system MRP II scheduler MES monitoring production and feeding systems N°1 co. Internal network for no. 50 stations

TECHNICAL DEPARTMENT

Technology
CAD ME10 2D CoCreate CAD CAM CIMATRON 3D CAD CIMAGEPHI CAM DELCAM/AUTODESK 5 AXIS CAM EDGE-CAM CAM P-CAM Silicon Graphics-Indy + Origin 200

QUALITY CONTROL DEPARTMENT

Technology	Working area X*Y*Z (mm)	Technical Characteristics
Roughness tester Zeiss TSK Roughness tester R.T. SURF 3+ Roundness Talyrond 365 RSU Roundness Talyrond 252 Optical machine OGP SMARTSCOPE FOV Profilometer Mitutoyo CV 624 Profilometer Mitutoyo CV 638 Universal measuring machine SIP 302 M 3D ZEISS DURAMAX sw Calypso - 3D - Gear 3D ZEISS ECLIPSE sw Calypso - 3D Aeroel MecLab.X40/B-S Aeroel MecLab.X80/B-S Aeroel MecLab.X80/B Profiles projector HAUSER Microdurometer Mitutoyo MVK-H1 Durometer HECKERT Durometer REMET Torque wrenches tester STAHLWILLE	D.350 H=500 D.350 H=500 300*150*150 c.100 h.300 c.200 h.600 corsa 300 500*500*470 700*700*580 D. 40 * L=400 D. 80 * L=580 D. 80 * L=580 0,2 – 10 Nm	no. 2 units Laser calibration Sc. Con. / MPE 2,4+L/300 Sc. P.a.p. / MPE 2,5+L/250 Laser micrometer Laser micrometer Laser micrometer HV1 >15 Kg >60 Kg

ASSEMBLING

Technology
Semiautomatic Welding Station 3 units robotized welding station Electric spot welder Magnetic Calender Protective Distribution Line

DIES MANUFACTURING

Technology	Working area X*Y*Z (mm)	Technical Characteristics
Crown Wheel Grinder HAUSER S-600 CNC	500*300*450	no. 6 axis CNC
Universal Cylinder Grinder STUDER S-40 CNC	Ø 450 , L 1600	C AXIS
Universal Cylinder Grinder STUDER S-40 CNC	Ø 450 , L 1600	C AXIS
Universal Cylinder Grinder STUDER S-33 CNC	Ø 350 , L 1000	C AXIS
Grinder OKAMOTO ACC-63DX CNC	750*340*280	DIAFORM
Grinder FAVRETTO RTB 1500		
Grinder JOTES – tangential	630*250*200	
Grinder J.SHIPMAN for shapes	480*170*280	DIAFORM
Grinder J.SHIPMAN int/ext	Ø 250 , L 475	
Grinder RIBON – external	Ø 310 , L 800	
Lathe CMT URSUS 200		
Lathe GRAZIANO SAG 12		
Lathe CMT URSUS TC 600	Ø 600 , L 2000	CNC ECS
Lathe HARDINGE CNC QUEST 10/65 SP	Ø 310 , L 600	
Lathe HARDINGE CNC S51 B.B. SP	Ø 310 , L 600	
Lathe HARDINGE CNC S51 B.B. SP	Ø 310 , L 600	
Lathe HARDINGE CNC GT-CONQUEST SP		
Miller MAKINO V55 no. 20 PALLET	900*500*450	20.000 rpm
Miller MAKINO V55 + 4° AXIS	900*500*450	14.000 rpm
Miller MAKINO V22 no. 5 PALLET	330*280*450	40.000 rpm
Miller MAKINO V33 5Xì no. 12 PALLET		30.000 rpm
Miller MAKINO V33 5Xì no. 46 PALLET		30.000 rpm
Miller RAMBAUDI VERSAM.700	1800*800*600	VS116 SELCA1200
Miller DMG DMU 50M	500*400*400	HEID. TC 310
Miller HERMLE UWF900E	600*400*420	HEID. TC 407
Miller HERMLE UWF902H + 4° AXIS	700*500*500	HEID. TC 426
Miller ARNO Tipo 2		
Automatic Sharpener NESI		
Drill ROSA (no.2)		
Radial Drill HECKERT BR 40		
Drill HAUSER		
Drill Miller FAMUP TCS		
Hack Sawing Machine		
Saw OPUS		
Emery FELISATTI (no.2)		
Honing Machine RAIM		
Belt Honing Machine		
Muffle Furnace MORBIDELLI (no.2)		
Shot-peening Machine NORBLAST (no.2)		
Vertical Shaper		
Form Machine for burin		

ELECTRON DISCHARGE MACHINING DEPARTMENT

Technology	Working area X*Y*Z (mm)	Technical Characteristics
Wire EDM AGIE CUT 100 D	200*300*250	C AXIS
Wire EDM AGIE CUT 200	250*400*250	
Wire EDM AGIE CUT 270	250*400*250	
Wire EDM AGIE CUT 270 HSS	250*400*250	
Wire EDM FANUC W3	450*750*300	
Wire EDM FANUC W4	600*1000*350	C AXIS
Plunge EDM AGIE TRON 200 T	500*350*500	
Plunge EDM AGIE TRON 220 EMS	320*220*385	
Plunge EDM AGIE TRON 220 EMS	320*220*585	C AXIS
Plunge EDM AGIE INTEGRAL 5	700*500*500	
Plunge EDM AGIE INTEGRAL 3	500*350*500	C AXIS
Plunge EDM AGIE INTEGRAL 2	400*300*400	C AXIS
Plunge EDM AEG 109	300*150*149	
Micro Drilling SODICK CNC K1-CN	200*300*300	

MAINTENANCE

Technology	Working area X*Y*Z (mm)	Technical Characteristics
Lathe GRAZIANO SAG 14 KNUTH grinding Miller DECKEL FP 2 Sharpener NESI Drill (no.4) Automatic Threader Durometer HECKERT	600*300*300	>15 Kg

MARKING

Technology	Technical Characteristics
Laser MIRÒ YAG II Laser SISMA Big Smark Electrochemical Marking Machine	C AXIS

BLANKING DEPARTMENT

Technology	Working area X*Y*Z (mm)	Technical Characteristics
Press 63T BENELLI + Elmea line	600*420	b.h.low.+b.h.sup.
Press 250T BENELLI + Iron line Ele.	1600*1000	2M.+b.h.low.+b.h.hig.
Press 250T BENELLI + Iron line Ele.	1300*1000	3M.+b.h.low.+b.h.hig.
Press 100T COLOMBO + Elmea line	1000*640	b.h.low.
Press 125T COLTELLI + Elmea line	1200*700	b.h.low.
Press 100T BRUDERER LEINHAAS	1100*700	2 standards
Press 125T BRUDERER LEINHAAS	1100*700	2 standards
Press 125T BRUDERER LEINHAAS	1100*700	2 standards
Press 125T BRUDERER LEINHAAS	1100*700	2 standards
Press 50T BALCONI + Elmea line	800*500	b.h.low.
Press 40T COLOMBO		
Press 63T COLOMBO		
Press 35T CREMESANI		
Press 25T COLOMBO + speedy line	700*350	
Press 40T CREMESANI		
Press 20T MIOS		
Press 20T MIOS		
Speedy Press 18T BRUDERER		
Press 25T BALCONI		
Speedy Press 25T BALCONI		
Speedy Press 25T BALCONI		
Press 80T BENELLI	560*850	b.h.Inf.
Press 130T GALATO + Elmea line		
Press 50T GALLI		
Automatic Press to broach 20T		
Press GALFER (oleodinamic)		
Shearing Machine CBC		
Tumbling Barrel VELOX Rotofinish		
Threader HANS-KOLB (nr.2)		No. 2 units
Sharpener MUP		
Welder SV210		
Transfert drilling + tapping		
Tumbling finishing station		No. 3 units