

INTRODUCTION

We are presenting a coalition of knowledge and **40** years of experience to solve complex engineering, technical and technological solutions. Resulting in a wide range of products, which meet customer's expectations and results of market activities, is continuously growing.

Our main aims are new innovations to meet the needs of the market and systematically research new solutions to achieve general quality of our products with optimal economic feasibility.

Complete customer's satisfaction with **EMDIP** products is our constantly goal.

FUTURE

EMDIP will continue to keep improves of our product quality with even stronger research and development. We will also continue improving our knowledge, technology and production capabilities in our all industrial sectors:

- **Production of the wood burning stoves, boilers and fireplaces**
- Plumbing program
| special domestic connectors for plastic and hard water-pipe installations, corresponding equipment |
- Process equipment for sheet metal processing
| standard technological characteristics or as required by the customer |
- Roller brake testers (with digital display)
- Automotive industry
- Production of pressure vessels and devices
| outsourcing production required by the customer |
- Prefabrication production services with the machines and technology at our disposal:

- **2D/3D cutting - tube processing - beveling - welding**
Model: DOMINO Evoluzione / Producer: PRIMA INDUSTRIE - Italy / Laser Machine
- **2D cutting**
Model: GV 4.2 / Producer: HPm - Italy / High Definition Plasma Machine
- **Shot blasting**
Model: H 9X14/3WX1M/MS / Producer: STEM – Slovenia / Automatic Hook Shotblast Machine
- **Welding**
Model: Migatronic AUTOMIG 273 / Producer: MIGATRONIC - Denmark
- **Sharing ▪ Machining ▪ Grinding ▪ Bending ▪ Painting**



EM DIP d.o.o. Serbia



Kaminofen für feste Brennstoffe
Bericht Nr. K 181 2006 T1
Typrüfung nach DIN EN 13240

ENGINEERING AND MANUFACTURING OF THE ELECTRO-MECHANICAL EQUIPMENT AND PARTS

The **EMDIP** is a private production company founded by Mr. Miodrag Dinic in **1969**. In the past **40** years a small manufacturing shop with a few second-hand machines extended to over 3000 m² of business space with considerable technological, engineering and manufacturing capabilities.

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Production Process	Disposal Technology / Machines	
2D-3D cutting/welding beveling tube processing	CNC Laser 2D-3D cutting/welding and tube processing Machine 4 kW / X 3000 - Y 1500 - Z 400 / A: 360° (continuous, without limitation) / B: ±135° thickness - MS 0.5÷20mm □ INOX 1÷12mm □ Al 1÷8mm DOMINO Evoluzione - PRIMA INDUSTRIE S.p.A. ■ Italy	2008 ----- 2009
2D Cutting	CNC Plasma cutting Machine Hypertherm HPR130 / X 4000 -Y 2000 / thickness - MS 0.6÷25mm □ INOX 1÷20mm □ Al 1÷20mm High Definition GV 4.2 - HPM S.r.l ■ Italy	2007
Welding	Welding apparatus [10] AUTOMIG 273 - MIGATRONIC A/S ■ Denmark [1] BLUMIG 283C - CEMONT S.R.L ■ Italy [2] TIGWELL 350 - RADE KONČAR ■ Macedonia [1] MIGWELL 250 - RADE KONČAR	2009 2007 2005 1991
Shot blasting	Automatic Shot Blasting Machine H 9X14/3WX1M/MS - STEM Ltd. ■ Slovenia	2004
Grinding	electrical hand tools WÜRTH / BOSCH / Milwaukee HEAVY DUTY	2007 2009
Sharing	Hydraulic Shears DLB 6/3050 - DIGEP ■ Hungary	1986
Bending	Hydraulic Press Brake AP140 - WEINBRENNER GmbH ■ Deutschland	1967
Roll bending	Roll-forming Machine D100/1250 - FASTI GmbH ■ Deutschland	1981
Painting	Professional SATA hand sprayers	2008
Machining	Lathes □ Milling / Boring Machines □ Hydraulic / Toggle lever Presses	1968 1991

Laser Cutting System

DOMINO Evoluzione

Axis strokes (mm) | X 3000 | Y 1500 | Z 400

Production Cutting Capability (mm)

Mild Steel | INOX | Aluminum

0.5 ÷ 20

1 ÷ 12

1 ÷ 8



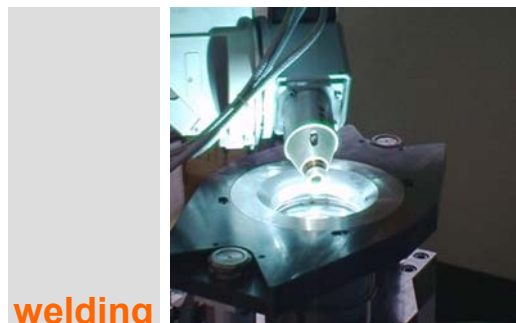
PRIMA INDUSTRIE
PRIMA INDUSTRIE S.p.A.

Via Antonelli, 32 10097 Collegno (TO) ITALIA
Tel.: 0039 011 41031 Fax: 0039 011 4112827
Web: www.primaindustrie.com



The fastest 2D/3D laser machine in the world
with a uncomparable flexibility:

| 2D cutting | 3D cutting |
| beveling | tube cutting | welding |



welding



Plasma Cutting System

HPm GV 4.2 High Definition

Equipped with: Hypertherm HPR130
Working dimensions: 4000 x 2000 mm

Production Cutting Capability (mm)

Mild Steel	INOX	Aluminum
0.6 ÷ 25	1 ÷ 25	1 ÷ 25



HPm Italy Srl HIGH PERFORMANCE MACHINERY

Viale Principe di Piemonte, 23/i
52022 Cavriglia (AR) ITALIA

Tel.: 0039 055 9666905 Fax: 0039 055 9620756
Web: www.hpmitaly.it E-mail: comm@hpmitaly.it



Automatic torch height control
maintaining precise cutting height
during piercing and cut for the best
cutting quality and longer consumable life

Welding machines

AUTOMIG 273 UPS CL4 W/ML250

Latest generation
AUTOMIG Step-regulated MIG/MAG

MACHINE TYPE	AUTOMIG 273
Mains voltage	3 x 400 V
Current range	20 - 250 A

MIGATRONIC

SVEJSEMASKINEFABRIKKEN MIGATRONIC A/S

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DK-9690 Fjerritslev, Danmark

Tel.: 0045 96 500600 Telefax: 0045 96 500601
Homepage: www.migatronik.com



MIGATRONIC

AUTOMIG (three-phase)	273
Current range	20 - 250 [A]
Voltage steps	10
Duty cycle 35%	200 [A]
Open circuit voltage	15 - 34 [V]
Mains voltage	3 x 230 ^ 400 [V]
Fuse 230/400 V	10 [A] /10 [A]
Wire dimension	0.6 - 1.2 [mm]
Wire reel	5 - 15 [kg]
Wire feed speed	2 - 15 [m/min.]
Spot time	0.15 - 2.5 [sec.]
Interval time	0.15 - 2.5 [sec.]
Burn back	0.05 - 0.5 [sec.]
Application class	S
Protection class	IP 21
Norm	EN60974-1 / EN50199
Dimensions	72 x 38 x 70 [cm]
Weight	66 [kg]

MACHINE PROFILE METALS		Note
Steel	*** Excellent	The welding machine is primarily designed and optimized for welding in this material.
Aluminum	** Good	The welding machine is secondarily designed for welding in this material.
INOX	* Applicable	The welding machine is applicable for simple welding operations using this material.

Shotblast Machine

Automatic Hook Shotblast Machine
Type "H"

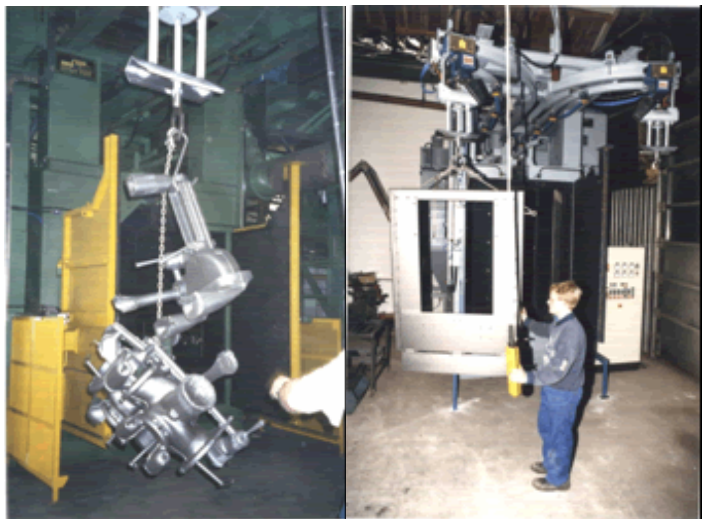
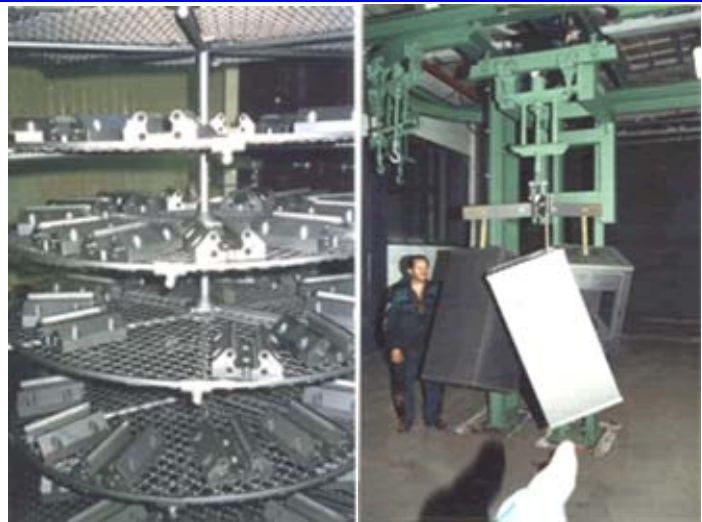
H9X14 / 3WX1M / MS



STEM d.o.o.

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Application:

Blasting of sensitive work pieces which cannot be tumbled in bulk loads and for heavy, large and particularly complex work pieces.

Complete work piece handling system with automatic rotation and oscillation inside the blasting chamber.

The simultaneous rotating and oscillating movement of the hook ensures that the blasting media reaches every part, providing the best possible uniform blasting.

Shape and length overhead rails to meet varying customer requirements.