



**MOSSINI** PRESSE 

**AUTOMOTIVE TANDEM LINES**  
**AUTOMOTIVE TRANSFER LINES**  
**BLANKING LINES**  
**HYDRAULIC PRESS LINES**  
**HOUSEHOLD APPLIANCES LINES**  
**LINK DRIVE PRESSES**  
**DESMODRIVE PRESSES**  
**SERVO PRESSES**  
**HYDRAULIC PRESSES**  
**MECHANICAL PRESSES**  
**AUTOMOTIVE HOT FORMING LINES**  
**HOT FORMING PRESSES**  
**HOT FORGING PRESSES**  
**RING ROLLING MILLS**  
**FORGING PLANT**  
**SPECIAL APPLICATIONS**

# COMPANY PROFILE



Mossini SpA - Headquarters - Pescate (LC) - 10000 m<sup>2</sup>

## COMPLETE VERTICAL PRODUCTION PROCESS



ENGINEERING, DESIGN AND SOFTWARE DEVELOPMENT



FRAME CONSTRUCTION



STRESS RELIEVING



FRAME MACHINING



COMPONENTS CONSTRUCTION



PRE-ASSEMBLING



ELECTRIC SYSTEMS



HYDRAULIC SYSTEMS



ASSEMBLY



TESTING



TRANSPORT



INSTALLATION AND START UP



Mossini SpA - 2nd production unit - Macerata (MC) - 8000 m<sup>2</sup>

Established by Mr. Mario Mossini in 1970, MOSSINI SpA began its activity as a producer of mechanical presses.

Over the years MOSSINI has acquired and developed a high technological and experience levels and today can be considered a leading company among the producers of mechanic and hydraulic presses and supplier of automated production lines.

Projecting and production are conceived as a benefit for our company to be executed inside our own structures.

This company policy has enabled us to obtain a great professionalism at every level, allowing us to enlarge our production range and keep the quality features unchanged; productivity and reliability have always characterized the production philosophy of MOSSINI.

Today, MOSSINI is the only Italian company able to offer solutions for every metal forming field: traditional eccentric presses, Link-Drive presses, Desmo-Drive (patented MOSSINI system for a programmable Link-Drive), electric presses, hydraulic presses, triple effect hydraulic presses, try-out presses, multi-slide hydraulic presses.

Presses and lines for hot forming and hot forging are a further recent development of MOSSINI.

MOSSINI has the capability to satisfy every customer request with a turn-key solution that has been studied, projected, developed and produced according to the customers technical, production and economic requirements.

# AUTOMOTIVE TANDEM LINES



N.1 PDM-4B-LD-2000  
N.4 PDM-4B-1000  
TABLE SIZE 5000x2500 mm.

DIFFERENT CONFIGURATIONS:  
G1, G2 and G3

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AUTOMOTIVE TANDEM LINES



DOUBLE ACTION HEAD PRESS  
PO-2M-T-2000



SINGLE ACTION LINK DRIVE PRESS  
PDM-4B-LD-2000



ROBOT INTEGRATION



# AUTOMOTIVE TRANSFER LINES



PDM-4B-LD-2500  
TABLE SIZE 6000x2500 mm.

Press and automation equipment fully integrated

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PDM-4B-LD-1250  
TABLE SIZE 5000x2500 mm.



PDM-4B-LD-1600  
TABLE SIZE 6000x2500 mm.



PDM-4B-LD-2000  
TABLE SIZE 5500x2500 mm.



PDM-4B-LD-1250  
TABLE SIZE 5500x2500 mm.

AUTOMOTIVE TRANSFER LINES



# BLANKING LINES



PDM-4B-1000  
TABLE SIZE 4500x2500 mm.

Press, feeding line and stacking unit developed for high performance

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FEEDING LINE

BLANKING LINES



# HYDRAULIC PRESS LINES



N.5 PO-2M-250  
N.1 PO-2M-630  
N.1 PO-2M-700  
TABLE SIZE 1600x1250 mm.

Production lines completely automatic with different solution of automation equipment and die change

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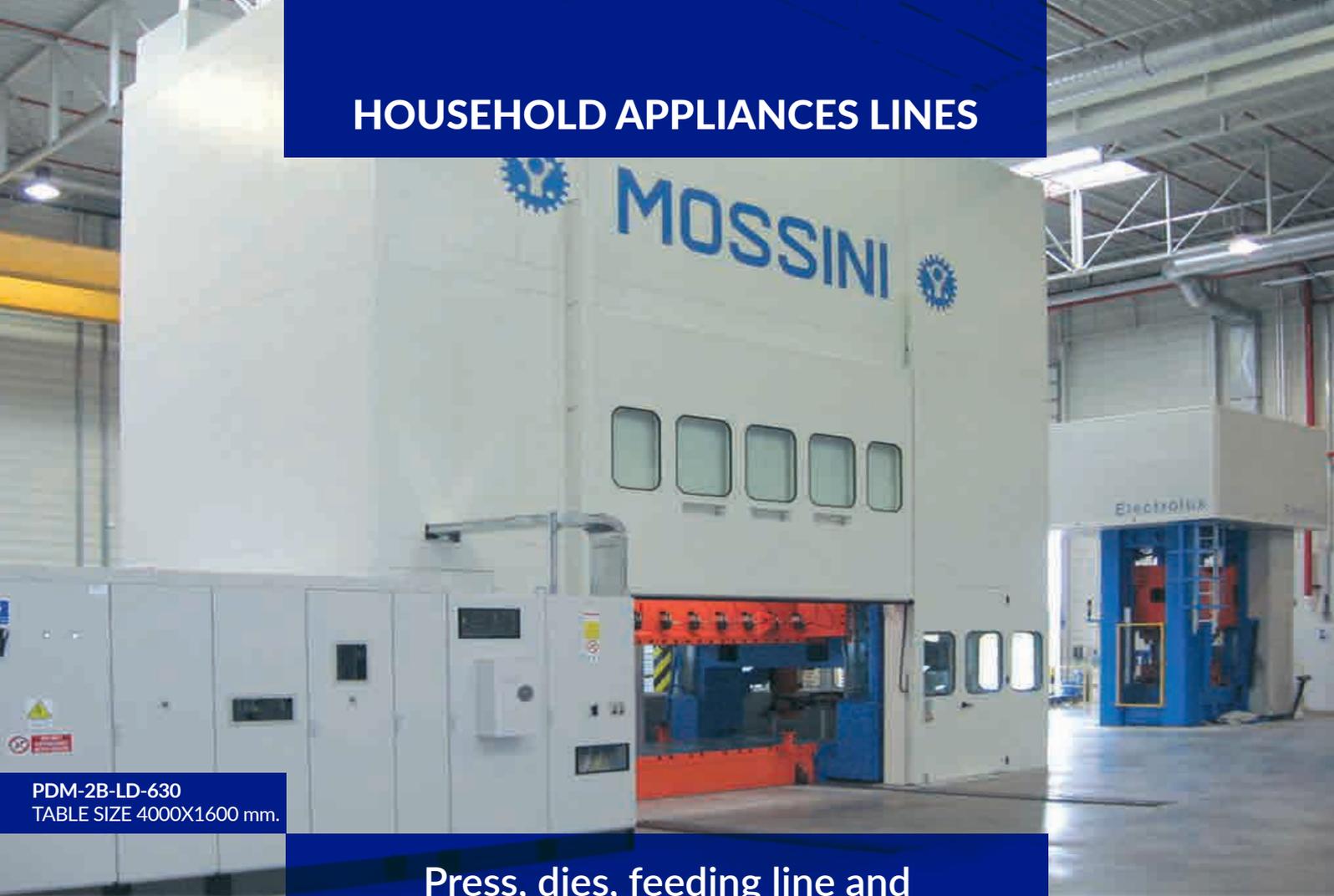


N.1 PO-2M-500  
N.4 PO-2M-315  
TABLE SIZE 2600x1300 mm.

HYDRAULIC PRESS LINES



# HOUSEHOLD APPLIANCES LINES



PDM-2B-LD-630  
TABLE SIZE 4000X1600 mm.

Press, dies, feeding line and automation equipment completely integrated: reliability and high productivity

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HOUSEHOLD APPLIANCES LINES



PDM-2B-LD-1250  
TABLE SIZE 5100x2200 mm.



# LINK DRIVE PRESSES



PDM-4B-LD-1250  
TABLE SIZE 6300x2000 mm.

The functional advantage of this kinematic motion is the low speed of the slide near the BDC (working zone)

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N.1 PDM-4B-LD-1000  
N.1 PDM-4B-LD-1250  
TABLE SIZE 6300x2000 mm.

LINK DRIVE PRESSES



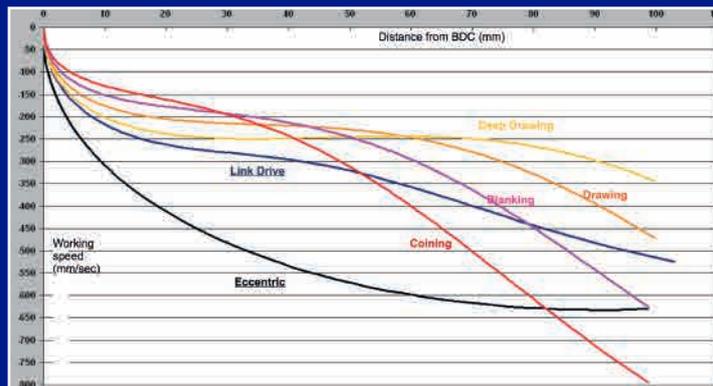
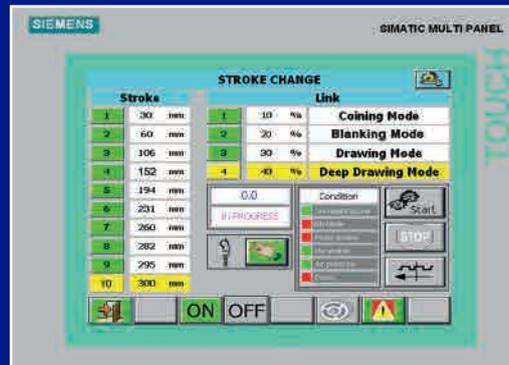
# DESMODRIVE PRESSES



PDM-2B-D-1000  
TABLE SIZE 3500x1500 mm.

Automatic stroke change combined with n.4 different kinematic motions: totally mechanical system

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DESMODRIVE PRESSES



DESMODRIVE

# SERVO PRESSES



N.2 PDM-4B-E-1000  
TABLE SIZE 5000x2500 mm.

Servo technology: flexibility,  
pendulum mode and productivity



PDM-4B-E-1000  
TABLE SIZE 5000x2500 mm.



SERVO APPLICATION



CONTROL PANEL PAGES



# HYDRAULIC PRESSES



N.1 PO-2M-P-1600  
N.1 PO-2M-P-2000  
TABLE SIZE 5000x2500 mm.

Double sided presses;  
Try-out presses;  
Triple action presses

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PO-2M-T-2000  
TABLE SIZE 4500x2500 mm.



PO-2M-2000  
TABLE SIZE 4200x1600 mm.



PO-2M-P-1000  
TABLE SIZE 5000x2500 mm.



HYDRAULIC PRESSES



# MECHANICAL PRESSES



PDM-2B-2000  
TABLE SIZE 6100x1700 mm.

Double sided mechanical presses with 1-2-4 connecting rods; Eccentric presses with automatic stroke change; High speed presses



PDM-4B-2000  
TABLE SIZE 5000x2500 mm.



PDM-2B-500  
TABLE SIZE 2200x1250 mm.



PDM-2B-V-100  
TABLE SIZE 1250x900 mm.



PDM-4B-1000  
TABLE SIZE 5000x2500 mm.



# AUTOMOTIVE HOT FORMING LINES



PO-2M-HF-2500  
TABLE SIZE 5000x2500 mm.

Hydraulic presses for hot forming,  
robots and ovens

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AUTOMOTIVE HOT FORMING LINES



PO-2M-HF-2500  
TABLE SIZE 5000x2500 mm.



OVEN INTEGRATION



# HOT FORMING PRESSES



PO-2M-HF-6300  
TABLE SIZE 4000x4000 mm.



Closed die hot forming presses;  
Open die hot forming presses

PO-2M-HF-1600  
TABLE SIZE 1500x1400 mm.



PO-2M-HF-3500  
TABLE SIZE 3000x2200 mm.



PO-2M-HF-6300  
TABLE SIZE 4000x4000 mm.



# HOT FORGING PRESSES



PO-4C-HF-3150

Hydraulic presses and a full range of accessories: fast hydraulic systems, rotary tables, moving tables, tool store systems, upper and lower hydraulic ejectors, centering and lifting devices, rotating arms of upper tool holder

PO-4C-HF-3150



MANIPULATOR INTEGRATION



FULL RANGE OF ACCESSORIES

# RING ROLLING MILLS

RADIAL-AXIAL  
RING ROLLING MILL  
MS 125-100\_3000-600

Designed and developed in  
partnership with Tech in Sider

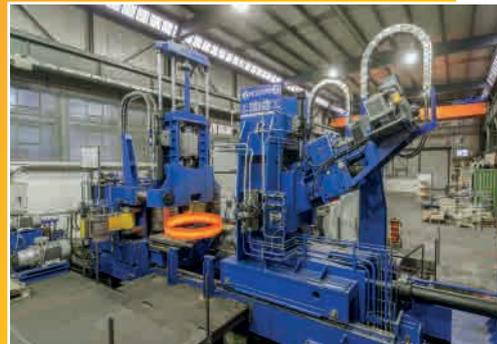
## DATASHEET

Machine Size		Ring Data		
Type		OD standard	Height	Weight
RAW		mm	mm	kg max
20/16	800/160	160 - 800	20 - 160	40
25/20	800/160	200 - 800	20 - 160	63
32/25	1000/180	200 - 1000	20 - 180	125
40/32	1250/210	200 - 1250	20 - 210	250
50/40	1400/250	250 - 1400	30 - 250	400
63/50	1600/315	250 - 1600	30 - 315	630
80/63	2000/400	300 - 2000	30 - 400	1000
100/80	2500/480	300 - 2500	30 - 480	1600
125/100	3000/560	400 - 3000	30 - 560	2500
160/125	4000/630	400 - 4000	30 - 630	4000
200/160	5000/710	500 - 5000	40 - 710	6300
250/200	6000/800	500 - 6000	40 - 800	8000
315/250	7000/900	630 - 7000	40 - 900	10000
400/315	8000/1000	800 - 8000	40 - 1000	12500
500/400	8000/1250	800 - 8000	40 - 1250	16000
630/500	8000/1600	800 - 8000	40 - 1600	20000

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ELECTROMECHANICAL  
RING ROLLING MILL  
MS 50-40\_1200-250



RADIAL-AXIAL  
RING ROLLING MILL  
MS 125-100\_3000-600

RING ROLLING MILLS



# FORGING PLANT



PO-2M-HF-1250  
MS 32-25\_800-180

Completely automatic lines:  
Furnaces; Induction heaters;  
Presses; Manipulators;  
Robots;  
Ring rolling mills

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REAR VIEW

FORGING PLANT



# SPECIAL APPLICATIONS



MULTISLIDE  
HYDRAULIC PRESSES

Continuous investments in research and development and a highly qualified technical department allow Mossini SpA to develop special machines according to the customer's needs

HYDRAULIC C-FRAME  
PRESSES FOR SHIPYARDS



DIE OPENER PRESSES

HYDRAULIC PORTAL-PRESSES  
FOR RECTIFYING STEEL PLATES



INCLINABLE PRESSES



PLATE HEAT EXCHANGER PRESSES



# More than presses



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