

THE STRENGTHS
OF OUR TECHNOLOGY

WHAT SETS APART THE
MEGA SERIES 7 HAMMER MILL

Hourly
productivity

Compared to previous models, the Mega Series 7 hammer mills **increase** the energy consumption and **hourly productivity ratio**. Consequently, the new design has aligned the **structural quality** that has always distinguished the Panizzolo machines.

Low energy
costs

Mega Mills have the **best balance** between energy consumption and production capacity on the market. They are **specially designed** to maximise the profitability of ground metals.

Modular
upgrade

The mechanical, electrical and hydraulic **upgrades** make the Mega Series 7 **even more** modular and bi-facial. In this way, Panizzolo has **increased** the flexibility of the hammer mill, **eliminating the standard** adaptation costs found in the market.

Fields
of application

Special attention was given to the redesign of the components and the **entire structure**. In this way, the Series 7, compared to the market, can perform treatment on a **greater range of heavy-duty scraps**, many of which do not require pre-machining.

Oscillating surface
with eccentric

The models have a **total upgrade** of the oscillating loading and unloading surface, including the combined eccentric. All mechanisms are **designed in-house**, allowing even distribution of the scrap and **total control** of the input and output flows.

Checks, cleaning
and maintenance

The **installed upgrades** further **reduce** machine downtime for checks, cleaning and periodic maintenance. The Mega Series 7 features the **latest generation** of casings, roofs, safety systems and a new range of accessories to make operators' work **easier and faster**.



It's time to **maximize**
the **value** of **metals**

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ENGLISH

MEGA hammer mill
SERIES 7



For the flexible grinding of heavy duty metal scrap

TOWARDS THE FUTURE
OF THE SECTOR

MEGA Series 7 hammer mills are specifically structured to **grind heavy-duty scrap** and which cause significant processing peaks. They have a **specially reinforced and armoured structure**, guaranteeing full access to the grinding chamber,

patented cradle, rotor, grids, hammers and armours. They guarantee efficiency and **high quality of the output metals**, with continuous and profitable production **cycles in the long-term**.

WHY CHOOSE
A PANIZZOLO MEGA HAMMER MILL

Reduction of
environmental vibrations

Between 40 and 56 vibration dampers are installed between the base and the floor, allowing up to 80 per cent of the vibrations produced by the grinding of the scrap to be dampened.

High quality metal
structures and welds

The metal structures steels meet high manufacturing standards, ensuring the structural integrity of the mill throughout its life cycle and under the most intensive treatment. The welds are certified according to ENISO 3834-2 and are aimed at eliminating possible points of fragility in the joints.

Low management costs
and easy maintenance

Panizzolo mills minimise production downtime, energy consumption and the number of operators involved in the operation. Maintenance operations are designed to be quick and easy, avoiding the need for specialised technicians.

Rotor and
hammers

The rotors and hammers installed in the Panizzolo mills facilitate grinding and absorb stresses without long-term repercussions. All components are designed in-house, eliminating the most common points of fragility on the market. The hammers are made of a special casting, while the rotor can be fully turned thanks to the integrated internally manufactured double pulley.

THE INTERCHANGEABLE CRADLE
Panizzolo patented system

The historical Panizzolo patent is the key element in the grinding process, bringing significant gains in the scrap recovery cycle, maintenance and preservation of structural quality.

The cradle is located inside the grinding chamber. No fastening by screws or other means is required for extraction and insertion, thus reducing machine downtime.

FLEXIBILITY

The cradle guarantees changeover operations in less than 20 minutes, allowing Panizzolo mills to adapt quickly to grinding many types of scrap or changing the size in processing.

STRUCTURAL SOLIDITY

The presence of the cradle allows grinding vibrations to be contained and absorbed, preventing them from affecting the entire hammer mill even in the most intensive treatments. The cradle thus becomes an additional guarantee for the maintenance of structural quality in the long term.



MEGA 725



MEGA 735

TECHNICAL SPECIFICATIONS

	MEGA 725		MEGA 735	
	US UNITS	METRIC UNITS	US UNITS	METRIC UNITS
Productivity (up to)	28 US tons/h*	25 ton/h*	39 US tons/h*	35 ton/h*
Engine power	477 HP	355 kW	604 HP	450 kW
Total weight	148,812 lbs	67.500 kg	185,188 lbs	84.000 kg
Hammers	n.24 - 115 lbs/each	n.24 - 52 kg/each	n.32 - 115 lbs/each	n.32 - 52 kg/each
Rotor weight	11,464 lbs	5.200 kg	19,401 lbs	8.800 kg
Cradle weight	11,905 lbs	5.400 kg	16,976 lbs	7.700 kg
Inlet opening appr. dim. (LxH)	39 x 34 in	1.000 x 850 mm	55 x 39 in	1.400 x 1.000 mm
Machine appr. dim. (LxDxH)	716 x 148 x 305 in	18.200 x 3.750 x 7.750 mm	807 x 165 x 341 in	20.500 x 4.200 x 8.650 mm
Magnetic drum module appr. dim. (LxDxH)	197 x 118 x 130 in	5.000 x 3.000 x 3.300 mm	197 x 118 x 130 in	5.000 x 3.000 x 3.300 mm

Technical data may change without prior notice and without any liability on the part of the company.

*depending on the material and grid used

