

EUROMAC
Foundry Plants & Core Making Equipment

EUROMAC
AMÉRICA LATINA

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ANNIVERSARY
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- » Foundry Plants and Core Making Equipment
- » Impianti e Macchine per Animisterie e Fonderie
- » Equipamentos para Fundição e Macharia
- » Giessereianlagen und Ausrüstungen zur Kernfertigung
- » Installations pour Fonderies et Ateliers de Noyautage
- » Máquinas y Equipos para Fundiciones

» **Manufacturing program**

- Core making machines and robot production cells (cold box, shell process, croning, hot box; silicate and inorganic processes)
- Automatic green sand moulding lines
- Core sand preparation, mixing and distribution plant
- Hydraulic moulding machines
- Sand preparation plants and machines
- Shell moulding machines, automatic closing and gluing systems
- Gas generators for Isocure (Amine), CO₂, SO₂ and Betaset
- Amine Scrubber towers
- Decore machines
- Pouring, Treatment and automatic metal transfer plant
- Metal treatment plant for ferro-alloys automatic dosing and for core wired inoculation
- Preparation and feeding plant for furnace's charges

» **Programme de production**

- Machines et installation pour la production de noyaux (Shell moulding, croning, boîte froide, boîte chaude, inorganique)
- Chantier automatiques de moulage
- Machines à mouler hydrauliques
- Malaxeurs et installations pour la préparation et la distribution des sables de noyautage
- Générateur de gazage et installations de lavage des gaz
- Machines pour le moulage de carapaces et machines de collage
- Machines à débouurer les noyaux
- Installations de traitement pour la sphéroïdisation de la fonte (ferroalliages et fil fourré)
- Installations de coulée, transport et traitement du métal.
- Installations pour la préparation des charges et l'alimentation des fours et des cubilots

» **Programma di produzione**

- Macchine ed impianti per animisterie (Cold box, Shell moulding, Croning, Hot box, Silicato, Inorganico)
- Impianti automatici di formatura
- Macchine Formatrici idrauliche a micro pestelli multipli
- Impianti per la preparazione e distribuzione della sabbia per la produzione di anime
- Impianti e macchine per la preparazione delle terre a verde
- Gasatori per Isocure, CO₂, SO₂ e Betaset
- Impianti di depurazione per l'abbattimento dell'ammina
- Macchine per formatura gusci ed incollatrici
- Sterratore automatico per anime
- Impianti per il trattamento per la sferoidizzazione della ghisa (filo e ferroleghie)
- Impianti per la colata, per il trasporto e trattamento del metallo
- Impianti per la preparazione delle cariche e alimentazione dei forni e cubilotti

» **Programa de fabricación**

- Máquinas para la producción de machos (cronic, caja fría y caliente, inorgánico)
- Líneas automáticas de moldeo
- Planta completa para la preparación y distribución de arenas para la producción de machos
- Máquinas para la producción de cáscaras y encoladoras
- Gaseadores
- Instalación de depuración de amina
- Desmoldeador automático para machos
- Maquinas de moldeo hidráulicas
- Instalaciones y máquinas para la preparación de arena
- Equipos para el transporte y tratamiento del metal, Instalación de colada
- Planta de tratamiento de metal con dosificación de ferroaleaciones o con hilo
- Instalaciones para la preparación de cargas y alimentación de hornos y cúpulas

» **Fertigungsprogramm**

- Kern – Fertigungsmaschinen und Roboter Zellen (für Maskenformverfahren, Coldbox, Hotbox, anorganisch)
- Automatische Formanlagen
- Hydraulische Formmaschinen
- Kernsandaufbereitung, Mischer und Verteilungsanlagen
- Begasungsgeräte und Aminwäscher – Türme
- Schalen – Formmaschinen, Schless- und Klebeanlagen
- Impf-Anlagen für GGG mittels Draht
- Entkern – Maschinen
- Vergieß – Anlagen - manuell und automatisch - und Zubehör
- Transport von Flüssigeisen
- Legierungs- Impfanlagen

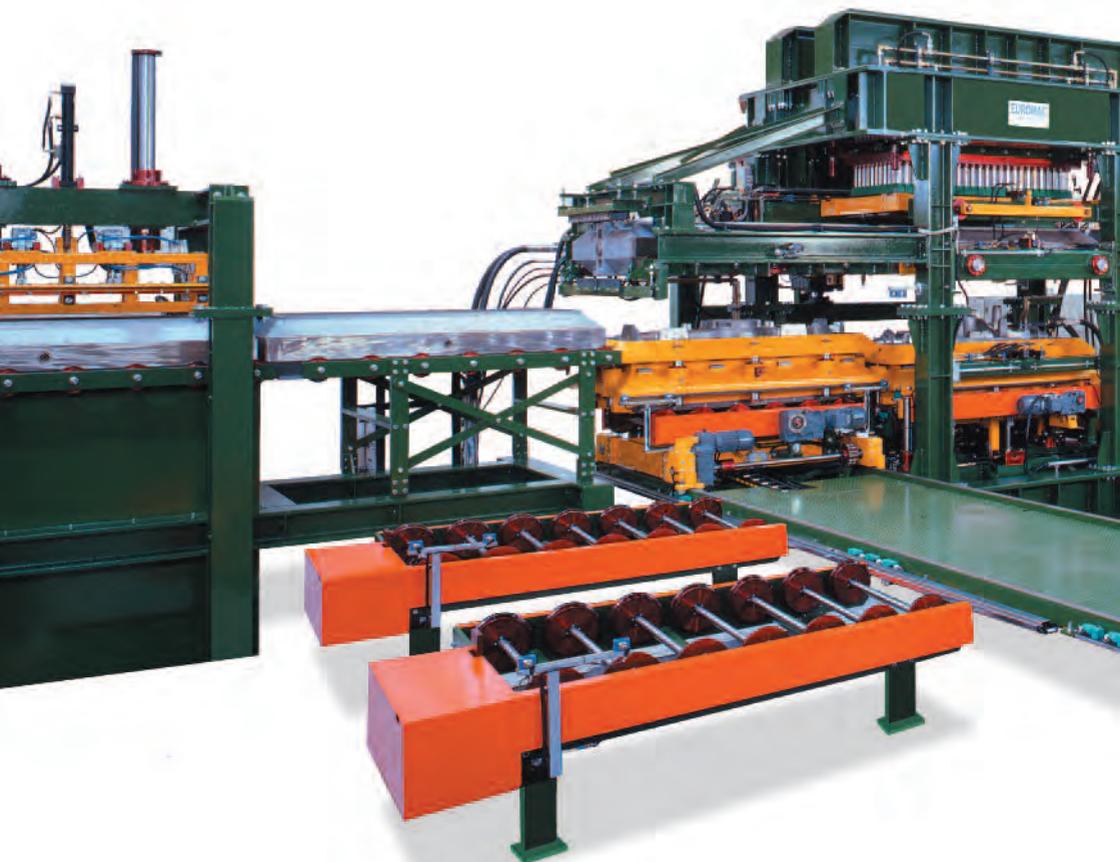
» **Programa de produção**

- Sopradoras de machos e moldes para os processos: cold-box, hot-Box, shell moulding, CO₂, SO₂ croning, Inorgânico e silicato
- Instalações automáticas e semiautomáticas de moldagem em areia verde
- Máquinas sopradoras shell casca
- Instalações de preparação de areia para macharia
- Dispositivos de gaseificação para todos processos
- Máquinas hidráulicas de moldagem com cabeçote múltiplo micro pistões
- Instalações de preparação de areia verde
- Destorreadores automáticos para machos
- Sistemas de moldagem para areia resina (cura a frio), Misturadores, Recuperadores de areia térmico e mecânico
- Sistemas de estufa de cura e secagem. Equipamentos de pintura a pó, líquida, KTL, E-COAT.
- Estações de tratamento para nodularização com arame tubular
- Instalações de dosagem e preparação automatizada de ferroligas
- Equipamentos de transporte, transferência, tratamento e vazamento de metais
- Sistemas de preparação de carga e alimentação de fornos a indução e cubilô

► **Formatrice idraulica** • Hydraulic moulding machine

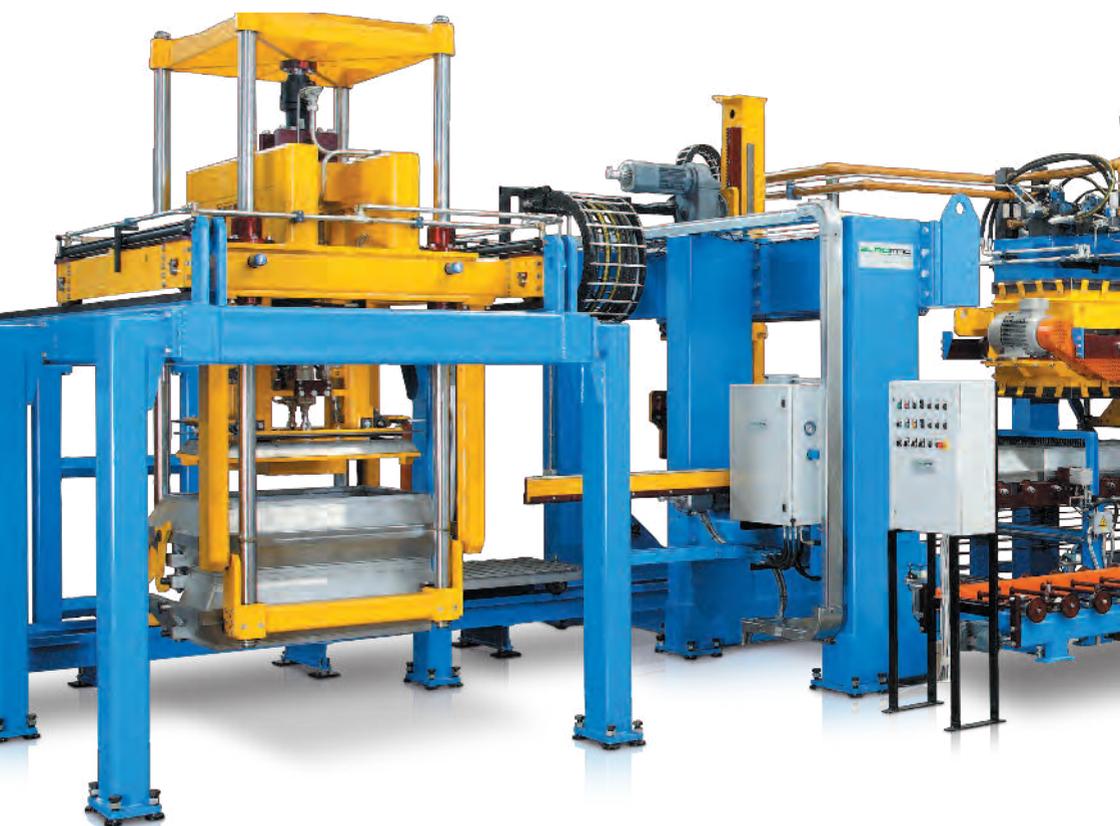


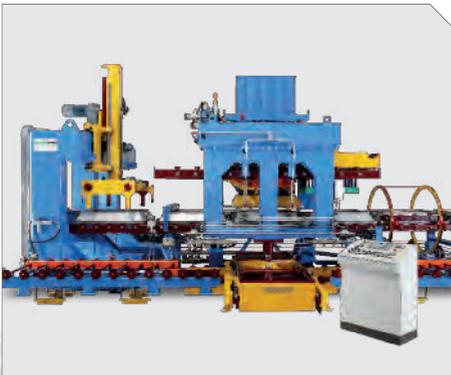
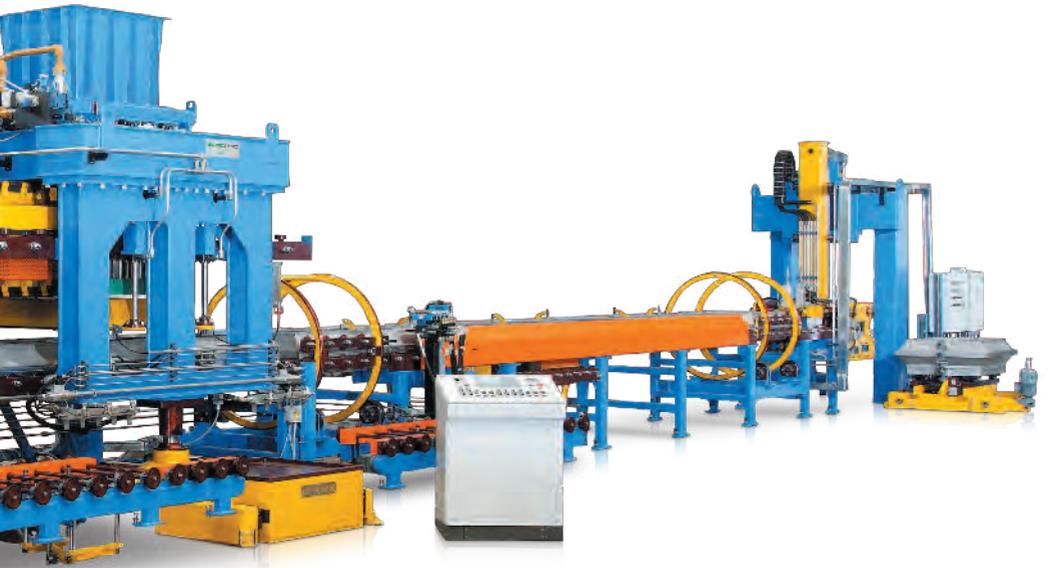
► Impianto automatico di formatura • Automatic moulding plant [1820x805x400+400 mm]



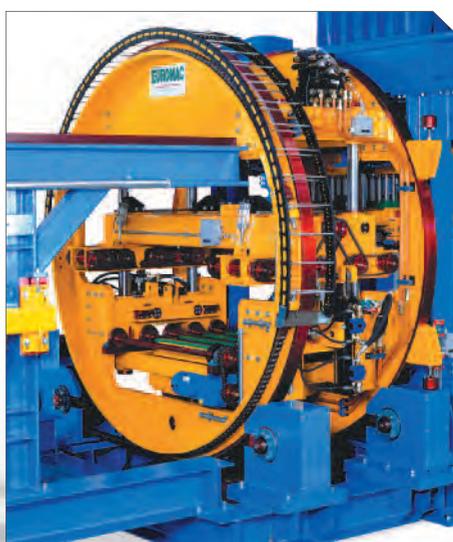
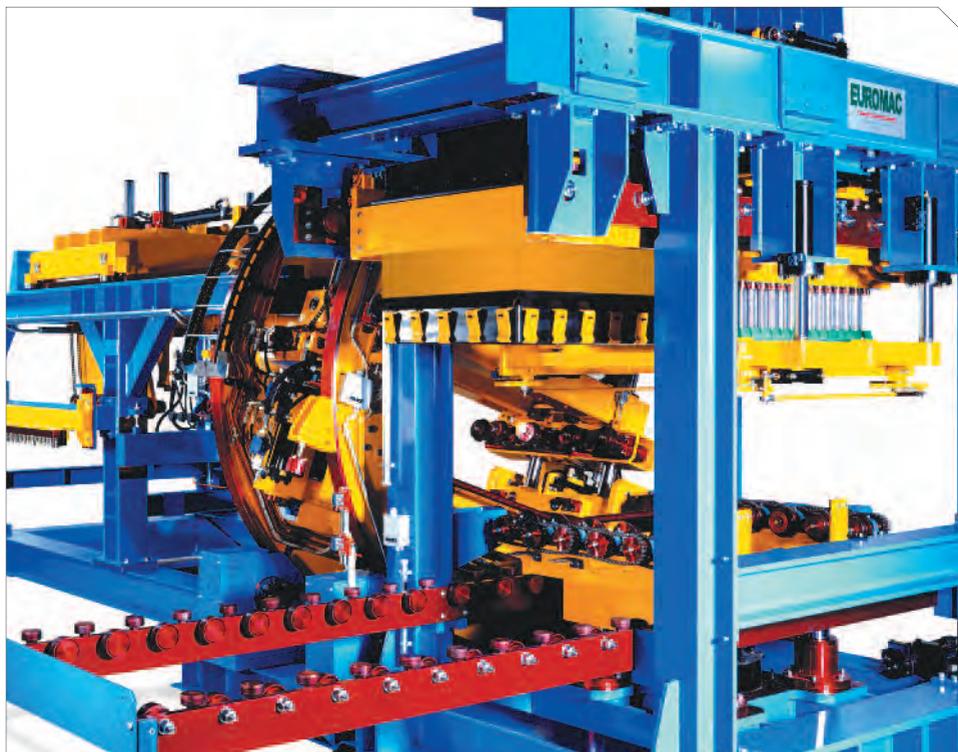


► Impianto di formatura - Automatic moulding plant





► Impianto automatico di formatura • Automatic moulding plant [1000x800x270+270 mm]





► Impianti per il trasferimento e trattamento del metallo • Pouring, treatment and metal transfer plants

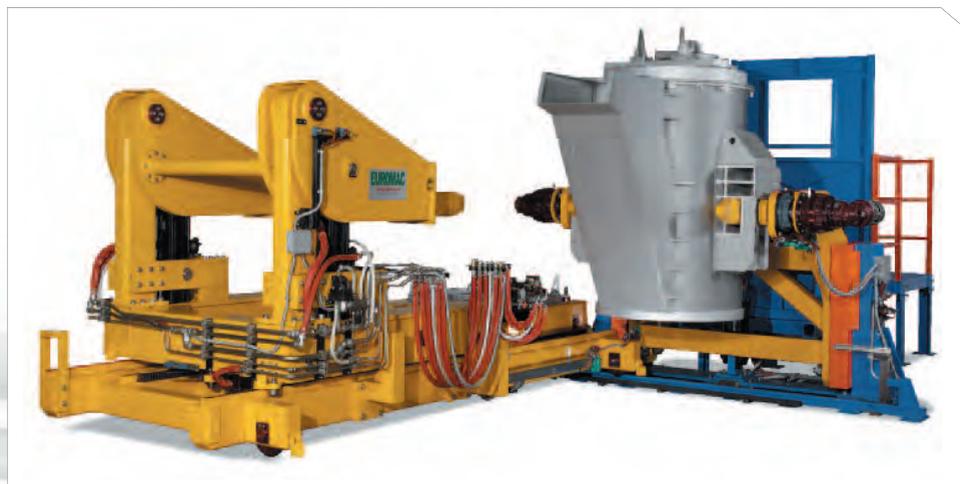




- Impianto trattamento metallo - Gruppo dosaggio ferroleghe · Metal treatment plant - Ferroalloy dosing unit



- Gruppo scorifica - Rovesciatore metallo su cap · Deslagging unit - Metal tilting for automatic casting system





► **Impianto automatico per il trasferimento e trattamento del metallo**
Automatic pouring, treatment and metal transfer equipment



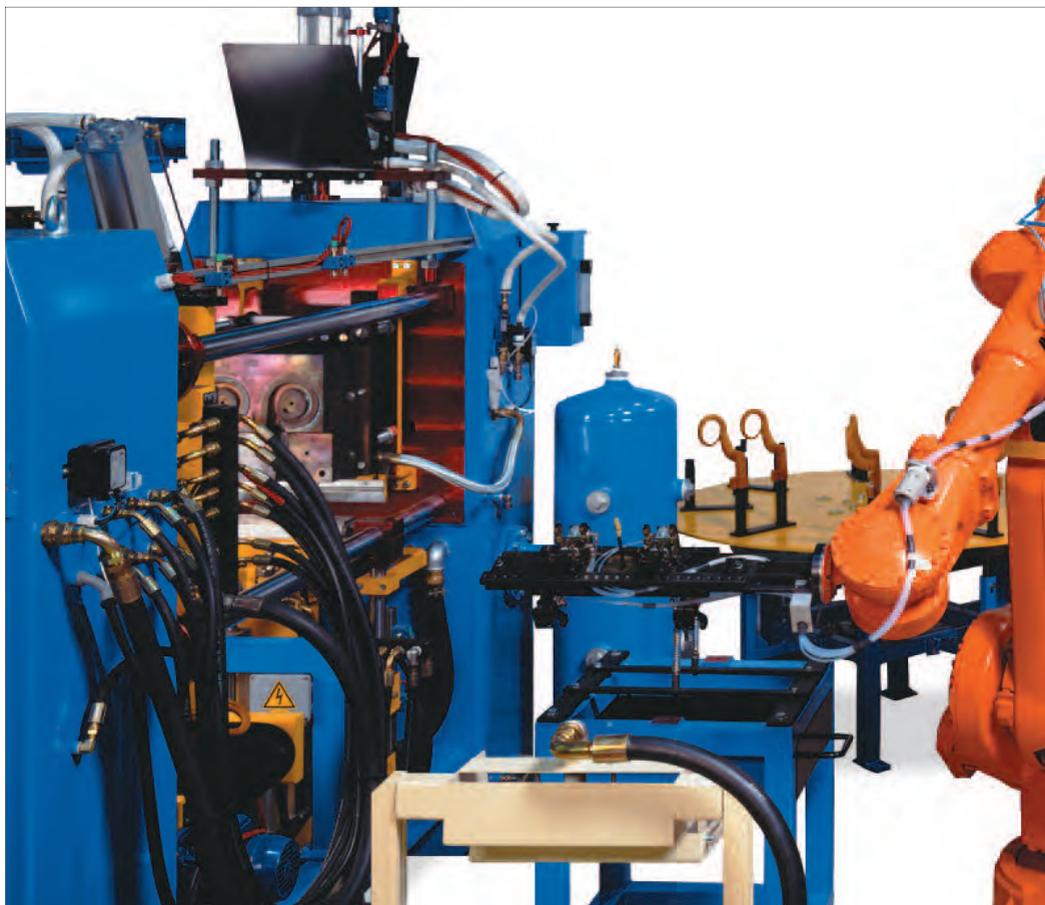


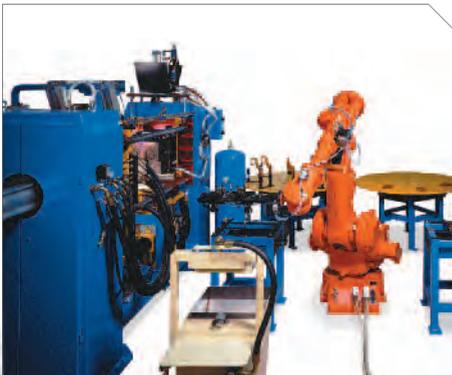
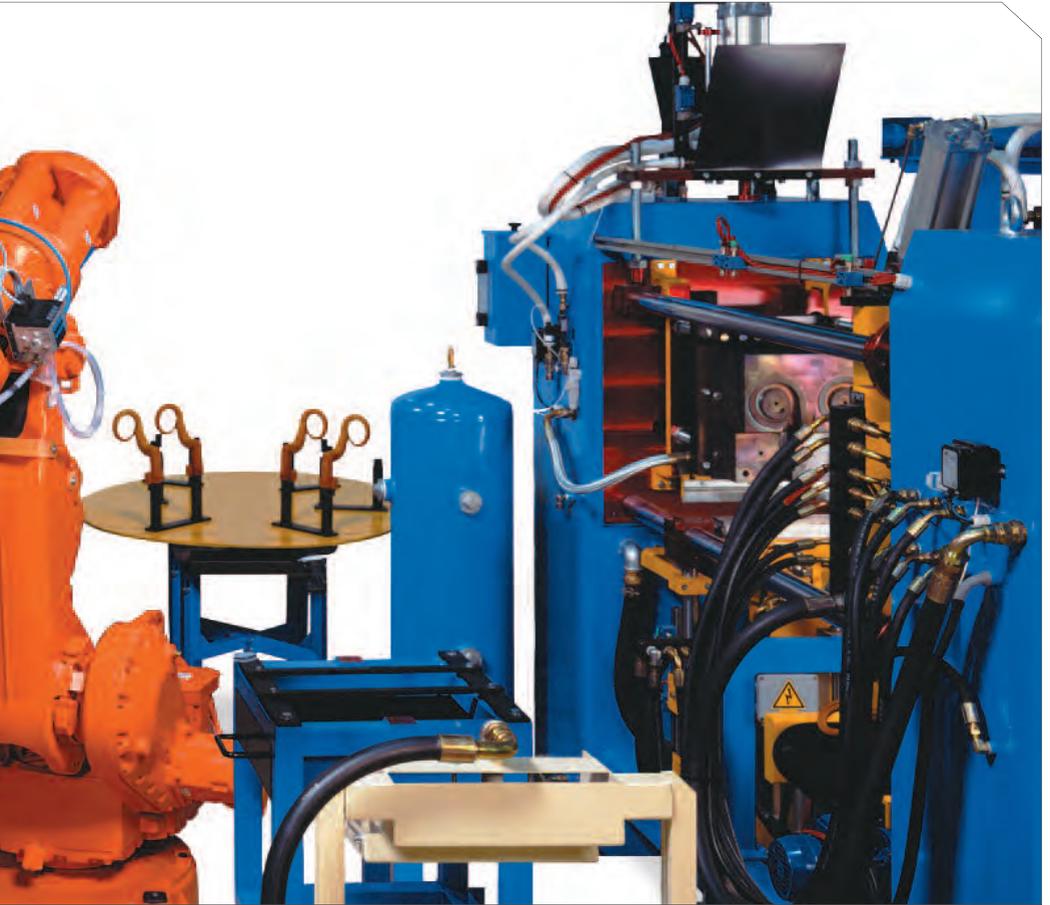
► Spira anime tipo SPF 30 • Core making machine type SPF 30





► Isola robotizzata per la formatura delle anime • Robotized plant for core production

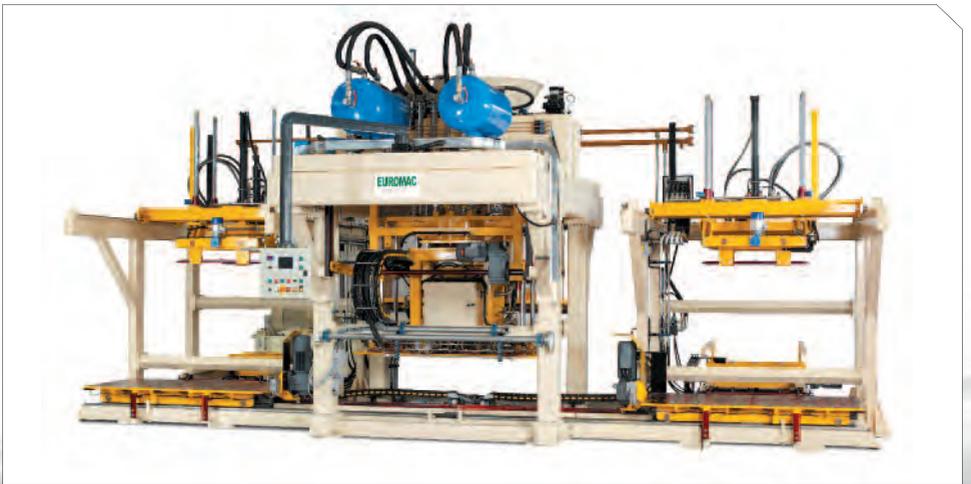
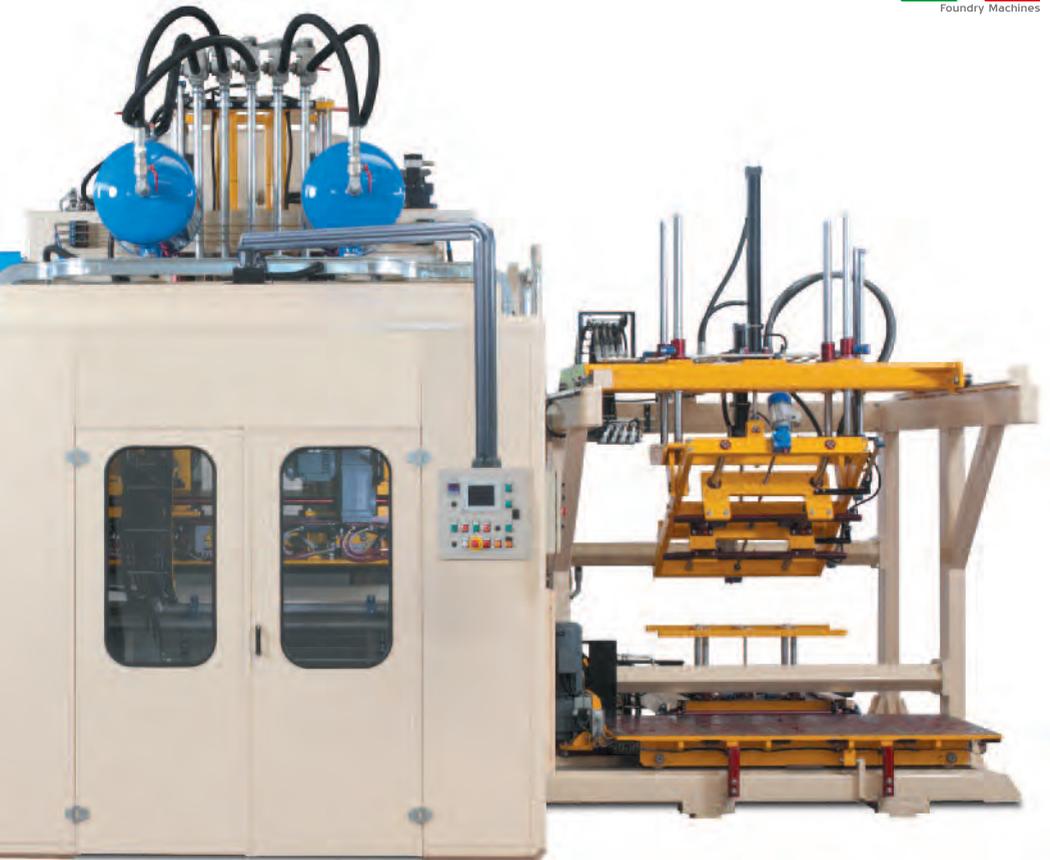




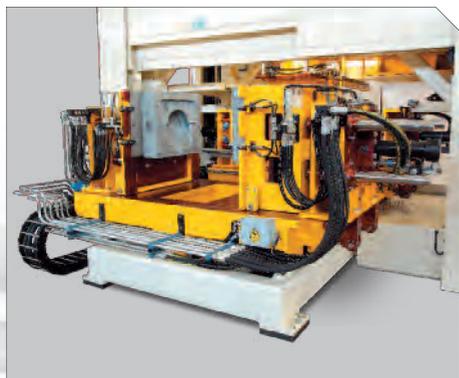
- ▶ **Impianto formatura anime cold box**
spara anime a due stazioni, capacità di sparo lt. 150,
completa di due prelevatori della cassa anima

Core making machine – cold box process
core making machine with twin moulding stations,
shooting capacity of 150 lt, complete with core box splitters





► Spara anime tipo SPF 60 • Core making machine type SPF 60

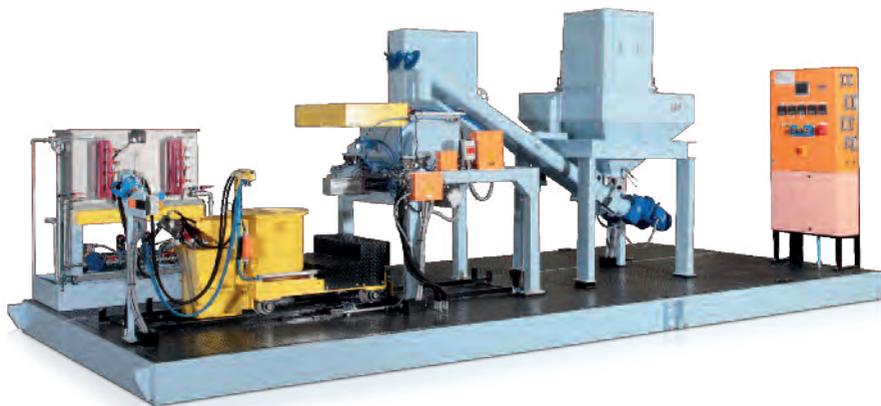




► Spara anime automatica tipo SPF 30R • Automatic core making machine type SPF 30R



► **Impianto preparazione e distribuzione sabbia**
Sand distribution and preparation plant



► **Impianto di depurazione ammina capacità 30.000 m³/h • Amine scrubbing towers - capacity 30.000 m³/h**



► Spara anime cold-box SPF 100 • Core making machine SPF 100





► Spara anime tipo SPF 50 • Core making machine type SPF 50





► Spara anime cold-box SPF 60 - Core making machine SPF 60





► Impianto automatico per la formatura di gusci - Automatic plant for the production of shell moulds





► Macchina spara anime • Shell-moulding machine





► Spara anime SPS-10-V • Core making machine SPS-10-V





► Spara anime SPF-60 • Core making machine SPF-60



► Spara anime SPF 30-0 • Core making machine SPF 30-0







EUROMAC has served the foundry industry for more than 55 years.

Our speciality is the manufacturing of Core Making Machines (shell process, croning, cold and hot box; inorganic processes) and associated Sand plant, Green Sand Moulding lines, Metal handling and treatment equipment.

In the factory in Italy, Euromac looks after to all the production phases from engineering to final commissioning. Furthermore, Euromac is focused on South America market with the support of our branch facilities located in Brazil.

Euromac's philosophy is to pay special attention to details and the individual needs of our Customers. We believe in a flexible approach in dealing the requirements coming from our Customer because our daily engagement is giving solutions to the various applications, also of the smallest production realities.



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