

***PRODUCTS AND EQUIPMENT
FOR THE FOUNDRY OF
NON-FERROUS METALS***



GENERAL CATALOG



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DIE-CASTING SPARE PARTS

PISTONS

SPECIAL COPPER ALLOYS CuCo2Be, CuNiSiCr, STEEL WITH HARDENING HEAT TREATMENTS THAT GUARANTEE A LONG-LASTING DURATION

RINGS IN COPPER ALLOY CuCo2Be AND HEAT-TREATED STEEL
POSSIBILITY TO ASSEMBLE THE PISTONS DIRECTLY ON THE STEM WITH TRADITIONAL THREAD CONNECTION OR WITH BAYONET-TYPE CONNECTION
STANDARD DIAMETERS AND LENGTHS OR **CUSTOM MADE**
MATERIALS **CERTIFICATE OF ANALYSIS** AVAILABLE ON REQUEST



WE ALSO PERFORM THE PISTON GRINDING SERVICE

RODS

INJECTION RODS **STANDARD OR CUSTOM MADE**
FOR DIE-MACHINES **IDRA, ITALPRESSE, COLOSIO, MAICO**



EXTENSIONS

STEEL EXTENSIONS FOR DIE-MACHINE **CUSTOM MADE**
FOR **IDRA, ITALPRESSE, COLOSIO, MAICO**



SHOT SLEEVES

MADE IN **SPECIAL STEEL**
NORMAL OR **INTEGRAL CUSTOM MADE**
WITH 3 **HARDENING** PROCEDURES, 3 **TEMPERING**,
NITRIDING 72 HOURS HARDNESS HRC 48/50

REGENERATION WITH ROUGH CUTTING,
GRINDING AND GAS **NITRIDING**



SLEEVES BUSHING

MADE IN **SPECIAL STEEL**
WITH HEAT TREATMENT, **CUSTOM MADE**

REGENERATION OF SLEEVES BUSHING NORMAL OR INTEGRAL THAT HAVE THE UNDERLYING SECTION OF THE ENTRY WORN WITH A SPECIFIC WELDING STEEL-GAS AND WITH A **COMPLETE GRINDING**



COPPER ALLOY CUNI2SICR – CUCO2BE

ALLOYS ESPECIALLY SUITABLE FOR THE PRODUCTION FOR
DIE-CASTING PROCESS

WE SUPPLY CUSTOM MADE PISTONS AND BARS, RINGS, PLATES
OR PARTS **CUT TO MEASURE** AS WELL

CERTIFICATE OF ANALYSIS



MASTER ALLOY CASTING

AVAILABLE IN **SIZE, INGOTS, TABLETS, STICK**

AL-BO TI STICK

MAGNESIO 99% INGOTS

ALSI INGOTS

SILICIO SIZED

TABLETS MN75%AL NO FLUX

TABLETS MN75&AL + FLUX

CERTIFICATE OF ANALYSIS



DEGASSING SYSTEM TO ELIMINATE GASES AND IMPURITIES IN THE MOLTEN ALUMINUM INJECTION NITROGEN AND SALT AUTOMATIC CYCLE OR MANUAL CUSTOM MADE

DEGASSING SYSTEM "MANUAL"

TECHNICAL FEATURES:
PNEUMATIC MOTOR 520 RPM
ADJUSTABLE SPEED ROTATION
NITROGEN EXIT WITH ADJUSTABLE FLOW METER
EASY INSTALLATION ON **EVERY TYPE OF OVEN**



DEGASSIN SYSTEM "STANDARD"

TECHNICAL FEATURES:
PNEUMATIC MOTOR 520 RPM
ADJUSTABLE SPEED ROTATION
NITROGEN EXIT WITH ADJUSTABLE FLOW METER
FULLY AUTOMATIC CYCLE
EASY INSTALLATION ON **EVERY TYPE OF OVEN**
POSSIBILITY OF **WALL MOUNTING**



DEGASSING SYSTEM "PLUS"

TECHNICAL FEATURES:
PNEUMATIC MOTOR 520 RPM
ADJUSTABLE SPEED ROTATION
NITROGEN EXIT WITH ADJUSTABLE FLOW METER
DOSING **GRANULATED SALT**
FULLY AUTOMATIC CYCLE
EASY INSTALLATION ON **EVERY TYPE OF OVEN**
POSSIBILITY OF **WALL MOUNTING**



DEGASSING SYSTEM “FORKLIFT” OR “CRANE MOVEMENT”

TECHNICAL FEATURES:

PNEUMATIC MOTOR 520 RPM

ADJUSTABLE SPEED ROTATION

NITROGEN EXIT WITH ADJUSTABLE FLOW METER

OPTIONAL ELECTRICAL PANEL WITH DEGASSING SYSTEM SETTING
ONLY 48 KG OF WEIGHT!



DEGASSING KIT

TECHNICAL FEATURES:

WITH **FLOW METER**

CAPACITY LT/MIN

TOTAL LENGTH GRAFITE LANCE + ROTOR

730-770-900 MM



MIXING SYSTEM WATER/RELEASE-AGENT OR WATER/GRAPHITE FOR FOUNDRY FROM 1 TO 20 DIE-MACHINES

WATER/RELEASE-AGENT “SMALL” TYPE

PNEUMATIC PUMP AND ACCUMULATOR 25 LT DIRECT CONNECTION TO LUBRICATOR OR CENTRALIZE TANK.
IDEAL FOR MAX **1-2 DIE-MACHINES**, FULLY AUTOMATIC CYCLE

TECHNICAL FEATURES:

PNEUMATIC PUMP SCALE OF USE **0,5-4%** (MAX.2500 LT. /H)

PNEUMATIC FILLING PUMP (MAX **4 BAR**)

BY-PASS BUTTON WITH ELETTRO VALVE 24 VOLT

FLOW RATE AIR PUMP EMULSION IN 2 VERSIONS 50 LT. /MIN - 120 LT. /MIN



WATER/RELEASE-AGENT “SMALL-PLUS” TYPE

TECHNICAL FEATURES:

PNEUMATIC PUMP SCALE OF USE **0,5-4%** (MAX.2500 LT. /H)

ELECTRICAL PNEUMATIC FILLING PUMP **ACCUMULATOR LT.25**

EMULSION PUMP 50 LT. /MIN WITH EXIT PRESSURE 10 BAR

OPTIONAL: AVAILVABLE WITH PRESSURE **5,2 BAR**



WATER/RELEASE-AGENT “BIG” TYPE”

MIXING SYSTEM WATER-RELEASE AGENT WITH **ELECTRIC PUMP AND LT.300 ACCUMULATOR**
DIRECT CONNECTION TO THE LUBRICATOR OR CENTRALIZED TANK,
IDEAL FOR MAX **8/10 DIE-MACHINE**, FULLY **AUTOMATIC** CYCLE

TECHNICAL FEATURES

PNEUMATIC PUMP SCALE OF USE **0,5-4%** (MAX.2500 LT. /H)

ELECTRICAL PNEUMATIC FILLING PUMP **200VOLT SELF PRIMING**

BY-PASS PUMP ELECTRO VALVE 24VOLT

FLOW RATE ELCTRIC PUMP **400 LT/H**



WATER/RELEASE-AGENT “DOUBLE” TYPE

MIXING SYSTEM WATER/RELEASE-AGENT WITH **DOUBLE PNEUMATIC PUMP AND 2 ACCUMULATORS**
LT.25 EACH, DIRECT CONNECTION TO THE LUBRICARODA OR TO CENTRALIZE TANK, IDEAL FOR **4**
DIE-MACHINES TONS 5000, FULLY **AUTOMATIC** CYCLE

TECHNICAL FEATURES:

PNEUMATIC PUMP SCALE OF USE **0,5-4%** (MAX.2500 LT. /H)

PNEUMATIC FILLING PUMP (MAX **4 BAR**)

BY-PASS BUTTON ELECTRO VALVE 24VOLT

FLOW RATE PNEUMATIC PUMP EMULSION 100 LT./MIN



WATER/RELEASE-AGENT "DOSOMIX 35"

MADE FOR A COSTANT AND EXACT EMULSION

PERFECLTY FOR **10/20 DIE-MACHINES**

FLOW RATE LT.1500/H

WITH SPECIMEN PERCENTAGE IN USE **DILUTION 0,2-6%**



MODEL FOR **MAX 2 PRESSE**

WIT PNEUMATIC PUMP AND **ACCUMULATOR LT.25**

CAPACITY POLYETHYLENE TANK EMULSION **LT.100**

PNEUMATIC FILLING PUMP (**MAX 4 BAR**)

FLOW RATE PNEUMATIC EMULSION PUMP MULSIONE IN 2 VARIATIONS:

LT.50/MIN - LT.120/MIN



RELEASE-AGENT DOSATRON DOSING PUMP

SCALE OF USE **0,5-4%** (MAX.2500 LT. /H OF EMUSION) A

AVAILABLE ON REQUEST IN **VARIOUS RANGE OF DILUTION AND FLOW**



POSSIBLE OPTION PRE- **MOUNTED PLANT DOSATRON PUMP**

WITH BRASS FLOW METER, ELECTROVALVE 24 DC MANAGED BY FLOAT BALL AND LITER COUNTERS

ELECTRIC PANEL WITH TRANSFORMER 220V/24DC AND ELECTROVALVE BY PASS BUTTON

FULLY AUTOMATIC SYSTEM



PRESSURIZED WATER/GRAPHITE DISTRIBUTION SYSTEM

TECHNICAL FEATURES:

ACCUMULATOR LT.25

OUTPUT PRODUCT MAX 8 BAR

ONLY CONNECTION COMPRESSED AIR TO THE PNEUMATIC PUMP NEEDED

REMOVABLE COVER FOR INSPECTION AND DRUM CLEANING

FLOW RATE PNEUMATIC PUMP **EMULSION 50 LT/MIN**



LUBRICATION SYSTEM FOR FOUNDRIES CUSTOM MADE

MINIMAL LUBRICATION SYSTEM FOR PISTON

DROPS OR SPRAY OPERATION

EASY INSTALLATION WITH EVERY TYPE OF DIE-MACHINE

ADVANTAGES: **SMOKLESS**, NO NEED TO WIPE OIL UNDER THE PRESS, **PRATICALLY NONE!**

DOSING EXAMPLE: PISTON DIA.100 MM = **4 DROPS OF LUBRIFICANT** (ONLY 0,25 gr)

TECHNICAL FEATURES:

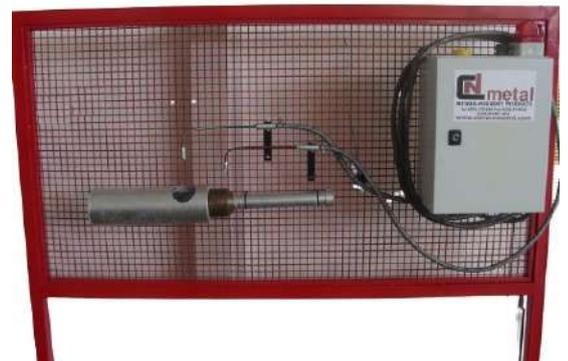
TANK **3,6 LT**

VISUAL ALARM LACK OF LUBRICANT

OPERATION WITH **1 OR 2 INDEPENDENT NOZZLES**

AIR COMPRESSED CONNECTION 4 - 8 BAR

CONNECTION WITH CONTROL PANEL OF THE DIE-MACHINE 24 DC



LUBRICATION SYSTEM FOR PISTON "LUBIX"

POWDER OPERATION

TECHNICAL FEATURES:

MINIMAL DOSAGE 0,2 GR POWDER

CONNECTION COMPRESSED AIR 4 - 8 BAR

CONNECTION WITH CONTROL PANEL OF THE DIE-MACHINE 24 DC



LUBRICANT SYSTEM “4 NOZZLES”

LUBRICANT SYSTEM FOR **MOLDING MACHINES**

TECHNICAL FEATURES:

TANK **25 LT**
WITH **FLOW METER**
ARTICULATION FOR **SETTING**
2 ELECTRO VALVES 24 DC
HIGH PRESSURE PIPES



LUBRICATION SYSTEM “6 NOZZLES”

MULTIFUNCTIONAL LUBRICANT SYSTEM
(EXAMPLE: **TRIM MOLD, DIE CUTTER, BAND SAW,**
RADIAL DRILL, PLASTIC MOLD, CUTTERS, ETC)

TECHNICAL FEATURES:

TANK **12 LT**
VISUAL ALARM LACK OF LUBRICANT
MAGNETIC AND INDEPENDENT **TERMINALS**
POSSIBILITY TO **ADJUST TIME** AND LUBRICANT **QUANTITY**
PIPES UP TO 6 METERS LENGTH
COMPRESSED AIR **6 BAR**
OPERATION WITH **EMULSIFIABLE WATER** OR **WHOLE OILS**



LUBRICATION SYSTEM “8 NOZZLES”

MULTIFUNCTIONAL OPERATION
(EXAMPLE: **DIE CUTTERS, BAND SAWS,**
RADIAL DRILLS, PLASTIC MOLDS, CUTTERS, ETC)

TECHNICAL FEATURES:

TANK **PE 15 LT**
VISUAL ALARM LACK OF LUBRICANT
MAGNETIC AND INDEPENDENT **TERMINALS**
POSSIBILITY TO **ADJUST TIME** AND LUBRICANT **QUANTITY**
PIPES UP TO 10 METERS LENGTH
COMPRESSED AIR **6 BAR**
OPERATION WITH **EMULSIFIABLE WATER** OR **WHOLE OILS**



LUBRICANT SYSTEM “14 NOZZLES”

LUBRICATION SYSTEM FOR AUTOMOTIVE ASSEMBLY SECTOR

TECHNICAL FEATURES:

TANK 36 LT

VISUAL ALARM LACK OF LUBRICANT

MAGNETIC AND INDEPENDENT **TERMINALS**

POSSIBILITY TO **ADJUST TIME** AND LUBRICANT **QUANTITY**

PIPES UP TO 10 METERS LENGTH

COMPRESSED AIR 10 BAR

OPERATION WITH **EMULSIFIABLE WATER** OR **WHOLE OILS**



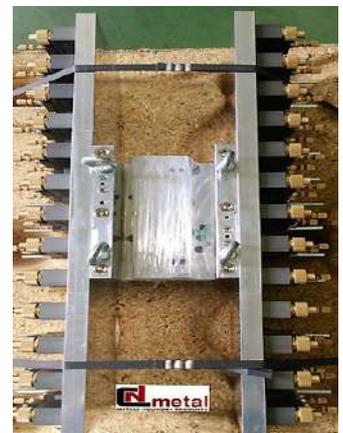
LUBRICATION HEAD “48 NOZZLES”

TECHNICAL FEATURES:

LUBRICATION SYSTEM 48 NOZZLES **DOUBLE CIRCUIT**

POSSIBILITY TO ADAPT THE PLATE

WITH EVERY KIND OF LUBRICATOR



TEST BENCH FOR NOZZLES

TECHNICAL FEATURES:

POSSIBILITY TO CONNECT THE NOZZLES FOR

LIQUID EXIT/CLOSURE TEST AND **OPERATION CHECK**



PREHEATING SYSTEM FOR LADLE CUSTOM MADE

PREHEATING SYSTEM

TECHNICAL FEATURES:
MANUAL **UP & DOWN**
INSULATED **INOX** COVER
BURNER **KCAL 100.000**
WITH THERMO **SAFETY**

OPTIONAL:
UP & DOWN WITH
PNEUMATIC PISTON



RECOVER & RECYCLE SYSTEM FOR FOUNDRY CUSTOM MADE

RELEASE-AGENT RECOVERY SYSTEM

THIS SYSTEM SUCKS THE EXHAUSTED RELEASE AGENTS UNDER THE PRESS, SENDS IT INTO THE POLYETHYLENE TANK WHERE IT IS MIXED WITH THE RELEASE AGENTS COMING FROM THE CENTRALIZED MIXING SYSTEM AND IT IS THEN SENT UNDER PRESSURE TO THE LUBRICATOR

THIS MEANS THAT THERE IS NO LONGER THE PROBLEM OF SENDING THE RESIDUE TO THE FILTRATION OR DISPOSAL PLANT!!

THE SYSTEM WORKS COMPLETELY AUTOMATIC THROUGH FLOATS AND SOLENOID VALVES

OPTIONAL: VERSION WITH BUILT-IN MIXER

TECHNICAL FEATURES:

POLYETHYLENE TANK 100 L

20 LT ACCUMULATOR OUTPUT MAX PRESSURE 8 BAR

PNEUMATIC PUMP AND SELF-PRIMING ELECTRIC PUMP 220 VOLT

WASHABLE METAL FILTER



FILTERING SYSTEM FOR GLYCOL WATER

DOUBLE MAXI FILTERS
MOUNTED ON TROLLEY



FLUX DISPENSER SYSTEM FOR FOUNDRY CUSTOM MADE

SHOOTING POWDER SALT SYSTEM

WITH TROLLEY
FOR POWDER SALT

TECHNICAL FEATURES:
CONNECTION AIR **8/10 BAR**
SELF DOSAGE
TANK CAPACITY **15 KG**
AT THE END OF THE USE SIMPLY LIFT THE SUCTION TUBE TO EMPTY THE SYSTEM



SHOOTING GRANULATED SALT SYSTEM

WITH TROLLEY
FOR GRANULATED SALT

TECHNICAL FEATURES:
CONNECTION AIR **8/10 BAR**
SELF DOSAGE
TANK CAPACITY **15 KG**
AT THE END OF THE USE SIMPLY LIFT THE SUCTION TUBE TO EMPTY THE SYSTEM



FLUX DISPENSER LANCE



VACUUM SYSTEM FOR FOUNDRY

VACUUM PUMP

THE VACUUM SYSTEM PUMP WITH GLASS BELL PYREX ALLOWS THE QUANTITY OF GAS IN THE LIQUID ALUMINUM CONTAINED IN A CRUCIBLE TO BE QUICKLY IDENTIFIED IN STAINLESS STEEL AND SOLIDIFIED UNDER PRESSURE



**LAST GENERATION RELEASE-AGENTS FOR
FOUNDRY
SYNTHETIC OR OIL BASED
HIGH CHEMICAL STABILITY
WIDE TEMPERATURE RANGE ON THE MOLDS
EXCELLENT SHAPING OF THE PIECE
NO REVENUE ON MOLDS**

SFORM 11

Oil based release
agent for mold

SFORM 3S

Synthetic release
agent for mold

SFORM 11 SS

Semi-Synthetic
release agent for
mold

SFORM 11 R

Release agent for
radiators

SFORM 3 MG

Release agent for
Magnesium

SFORM S

Release agent for
Zama

**DRY RESIDUAL TEST
AND PH LEVEL**

**LATEST GENERATION LUBRICANTS FOR FOUNDRY
SUITABLE FOR USE IN DIE-CASTING FOR
LUBRICATION
HIGH LUBRICATING POWER
LONGER LIFE OF MECHANICAL PARTS
HIGH FLASH POINT**

PLUNGER SE
Synthetic ecological
lubricant for pistons

PLUNGER SE 55
Lubricant water based
Synthetic concentrate for pistons
High lubricity, low consumption
no smoke non flammable

PLUNGER PN
Black powder for pistons

PLUNGER M
Mineral lubricant for
pistons

PLUNGER S2
Mineral lubricant for
molds and swords

PLUNGER P
White powder for pistons

THERM S
Synthetic diathermic
lubricant for molds unit

PLUNGER SE/D
Synthetic lubricant for
molds and swords

RIDUX EP220/EP320
Mineral lubricant for
toggle

WATER GLYCOLE
Lubricant for pumps

THERM 32
Mineral diathermic
lubricant for molds unit

**DRY RESIDUAL TEST
AND PH LEVEL**

**FLUIDS AND SPRAY FOR FOUNDRY
SUITABLE FOR DIE-CASTING PROCESS**

CLEANER FOR MOLDS
Degrease for pipelines
and molds

BIOCIDE
Concentrated biocide for
tank

ISOL DA
Algaecide – Anti
encrusting

ISOL STICK
Refractory putty for repair
and maintenance works

TALC
Talcum powder for
gravity die-casting

ISOL AN
Black grease for molds
Mineral oil and graphite
based

ISOL GR
Grey grease for molds

ISOL START
Demetallizing liquid for
cold-start molds

ISOL TF
White paint for ladles
water based

ISOL T
Protective paint for
loaders ladles

ISOL 140 C
White protective paint for
casting channel

ISOLGRAF 11
Liquid graphite for shell
casting

SPRAY N
Spray graphite for
starting molds

ISOL CU
Copper paste high
temperature

DEGREASER SPRAY
Spray for general cleaning
press door etc.

CERAMICA SPRAY
Ceramic spray

REFRACTORY CEMENT
Universal use for oven walls

SALTS FOR METAL TREATMENTS AND FURNACE MAINTENANCE SCORIFYING-DESCALING-PURIFYING

SALT S

SCORIFYING FOR ALUMINUM AND ITS ALLOYS
MELTED IN CRUCIBLE FURNACES, REVERBER FURNACES AND LADLES
IT ALLOWS TO OBTAIN POWDERY WASTE POOR OR METALLIC ALUMINUM
EASY TO REMOVE FROM THE MELTING WITH A SUITABLE PERFORATED SKIMMER



SALT F

DESCALING SALT FOR MAINTENANCE OF FURNACE WALLS COLOUR WHITE



SALT GR

DROSSING GRANULAR SALT PINK COLOUR
PRODUCES A DRY EXHAUSTED DROSS THAT DURING THE SLAGGING
SEPARATES EASILY FROM THE MOLTEN METAL ALLOWING A CONSIDERABLE
COLLECTION OF THE SAME



SALT GR21

PURIFYING GRANULAR SALT ECOLOGICAL AND FREE FROM SODIUM AND CALCIUM
PRODUCES DRY AND ASHY DROSS, THAT DURING SLAGGING, EASILY SEPARATES FROM
MELTED METAL DRAGGING FEW DROPS OF METAL



SALT GR25

GRANULATED FORMULATION FOR THE SLAGGING,
CLEANING AND COVERING OF ALUMINUM AND ITS ALLOYS
IT'S A FEW EXHOTERMIC SALT SUITABLES FOR ALL TYPES OF FURNACE
IT IS DESIGNED FOR LOW MELTING TEMPERATURES, WITH CLEANING EFFECTS
THE GRANULES ARE DUST-FREE TO REDUCE ANY EMISSION
SIGNIFICANTLY REDUCED DOSAGES, THE PRODUCE IS ECOLOGICALLY SAFE



FLUXES FOR MELTED METAL TREATMENT REFINING-DEGASSING-CLEANING

CLEAN GR.1000

TABLETS FOR MAINTENANCE FURNACE WALLS



DEGA CN3

ECOLOGICAL DEGASSING TABLETS NOT SELF-SINKING NITROGEN BASED



DEGASANTE AZ

DEGASSING TABLETS SELF-SINKING NITROGEN BASED



AFFINANTE 123 GR.500

REFINING TABLETS



ITALPRESSE LADLES

- LADLE **T2** (capacity from 0,2 to 0,5 kg)
- LADLE **T3** (capacity from 1 to 2,5 kg)
- LADLE **T4*** (capacity from 2,5 to 5 kg)
- LADLE **T5** (capacity from 4 to 8 kg)
- LADLE **T6** (capacity from 7 to 15 kg)
- LADLE **T35** (capacity 35 kg)
- LADLE **T40** (capacity 40 kg)
- LADLE **T60** (capacity 60 kg)

* 1 or 2 connections



IDRA LADLES

- LADLE **I1** (capacity 1 kg)
- LADLE **I3** (capacity 3 kg)
- LADLE **I5** (capacity 5 kg)
- LADLE **I15** (capacity 15 kg)



CERAMIZED LADLES

IRON CAST LADLES CERAMIZED
CUSTOM MADE



IRON CAST EXTENSION FOR LADLE

IRON CAST EXTENSION FOR LOADER
(SMALL AND BIG MODEL)



IRON CAST LADLE FOR ROTATIVE

LADLE R1 (capacity 1 kg)

LADLE R2 (capacity 2 kg)

LADLE R3 (capacity 3 kg)



SPARE PARTS FOR LOADERS



BODY LADLE CONNECTION
SUPPORT LADLE HOLDER FOR LOADER



INOX PROBE
TEFLON INSULATOR



LADLES AND SKIMMERS DIE-CASTING

IRON FORGED LADLES

AVAILABLE IN DIFFERENT DIAMETERS
60-120-160-200-220-250 mm
(EVEN WITHOUT HANDLE)



INOX LADLES

AVAILABLE IN DIFFERENT DIAMETERS
100-120-160-180-200-220-240 mm
(EVEN WITHOUT HANDLE)



IRON FORGED SKIMMERS

AVAILABLE IN DIFFERENT DIAMETERS
160-180-200 mm
(EVEN "LOW" TYPE)



INOX SKIMMERS

AVAILABLE IN DIFFERENT DIAMETERS
100-160-180-200-240 mm
(EVEN "LOW" TYPE)



GRAPHITE SPOON

GRAPHITE SPOON FOR ALUMINUM SAMPLING
HANDLE 700 mm
GLASS DIAMETER 80 mm
HEIGHT 100 mm
HOLE 50 mm



CONTAINER FOR SLAG

IRON CONTAINER FOR SLAGS



COPPER BRUSH

MODEL 50 X 0,9 mm

with long handle



PLIERS

IRON FORGED PLIERS FOR FOUNDRY

LENGTH 400 mm
LENGTH 500 mm



PLIERS FOR INGOTS



PLIERS FOR CRUCIBLES



PLIERS FOR PISTON RINGS

WITH INTERCHANGEABLE EXTREMITY



CRUCIBLES AND SUPPORTS

SILICON CARBIDE CRUCIBLES
CRUCIBLES WITH PYRO
SUPPORTS FOR CRUCIBLES

(AVAILABLE IN DIFFERENT MODELS AND DIMENSIONS)



MOLTEN METAL CONTAINERS

IRON CONTAINERS
REFRACTORY WHITE FIBER CONTAINERS

(AVAILABLE IN DIFFERENT MODELS AND DIMENSIONS)



INSULATING SLEEVES

INSULATING SLEEVES

WHITE FIBER INSULATING SLEEVES

(AVAILABLE IN DIFFERENT MODELS AND DIMENSIONS)



THERMOCOUPLES

THERMOCOUPLES

THERMOCOUPLES CR-AL HORIZONTAL AND ANGLED
THERMOCOUPLES K TYPE WITH EXTENSION AND CONNECTORS
(AVAILABLE IN DIFFERENT MODELS AND DIMENSIONS)



SHEATHS FOR THERMOCOUPLES

SILICON CARBIDE SHEATHS

LENGTH (mm)	DIAMETER (mm)
300	54
400	54
500	54
600	54
700	54
800	54
900	54
1000	54
1150	54



SILICON NITRIDE SHEATHS

LENGTH (mm)	DIAMETER (mm) EXTERNAL	DIAMETER (mm) INNER
250	28	18
300	28	18
400	28	18
500	28	18
600	28	18
700	28	18
800	28	18
900	28	18
1000	28	18
1200	28	18



COUPLING HEAD CONNECTION 1/2"

CAST IRON SHEATHS

AVAILABLE IN SEVERAL DIMENSIONS



THERMOMETERS

DIGITAL THERMOMETERS WITH THERMOCOUPLE
INFRARED THERMOMETERS

OPTIONALS: PC CONNECTION, THERMIC PRINTER, ETC

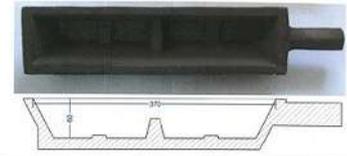


INGOT MOLD

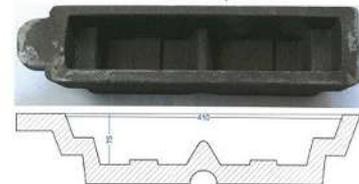
INGOT MOLD FOR ALUMINUM

(AVAILABLE IN DIFFERENT MODELS AND DIMENSIONS)

Mod. Piccolo 3 Kg di alluminio



Mod. Grande 6 Kg di alluminio



GRAPHITE ROTORS AND LANCES

GRAPHITE ROTORS AND LANCES

NITROGEN **BLOWING** RODS
AND ROTORS MADE IN IMPREGNATED **GRAPHITE**
FOR ALUMINUM **DEGASSING** SYSTEMS

(AVAILABLE IN SEVERAL DIMENSIONS AND MODELS)



INSULATING FIBER MATS

CERAMIC DRY MATS

IN REFRACTORY CERAMIC
1 INCH - 1/2 INCH
(AVAILABLE IN SEVERAL DIMENSIONS)



FILTERING NET

GLASS FIBER MESH

ROLLS OR CUT TO SIZE



CERAMIC FOAM FILTER

CERAMIC FOAM FILTER FOR FOUNDRY

(AVAILABLE IN SEVERAL DIMENSIONS)



REFRACTORY CHANNELS

REFRACTORY CHANNEL FOR MELTED ALUMINUM

(CUSTOM MADE)



COOLING BASIN

INOX COOLING BASIN FOR PIECES
CUSTOM MADE



SANDBLASTING MATERIALS

GLASS MICROSPHERE

400-800 MICRON
SPHERICAL AND ANGULAR



STEEL SHOT

INOX SHOT AND INOX CYLINDRICAL CUT WIRE FOR BLASTING
IN DIFFERENT DIMENSIONS



SPRAY GUNS

GUNS

FOR MANUAL RELEASE-AGENT DISPENSING
1 OR 2 PIPES
(AVAILABLE IN DIFFERENT DIMENSIONS
AND MODELS)



SPRAYERS

OIL SPRAYERS

STANDARD OIL SPRAYER



MINIMAL SPRAYERS

SUITABLE FOR LATEST SYNTHETIC CONCENTRATED OIL



MOLD SPRAYERS

SPRAYERS FOR MOLD
AVAILABLE IN SEVERAL MODELS



MODULAR HEADERS AND MANIFOLDS FOR NOZZLES

DOUBLE CIRCUIT HEADERS
CUSTOM MADE
TO BE ASSEMBLED DIRECTLY ON ROBOT



IPG BURNER

BASIC MODEL WITHOUT THERMOCOUPLE
(AVAILABLE IN DIFFERENT DIMENSIONS AND MODELS)



AIR-METHANE BURNER

BASIC MODEL WITHOUT THERMOCOUPLE
(AVAILABLE IN DIFFERENT DIMENSIONS AND MODELS)

POSSIBILITY TO SUPPLY HEAD REPLACEMENT



PREHEATER FOR MOLDS

MOLD PREHEATER WITH REGULATOR IPG HIGH PRESSURE 1 BAR
DOUBLE SAFETY VALVE AND DOUBLE THERMOCOUPLE
(AVAILABLE IRON SUPPORTS CUSTOM MADE)



BURNERS WITH GAS REGULATOR IPG/METHANE

AVAILABLE WITH **HIGH PRESSURE** (1 BAR)
OR **LOW PRESSURE** (20/50 MBAR AND COMPRESSED AIR 1/5
BAR) IN SEVERAL MODELS AND DIMENSIONS



ciennmetal

METALS-FOUNDRY PRODUCTS



1998 - 2023

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