



PLAZMAMAX LTD
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PLAZMAMAX

Industry groups and solutions for them

Metallurgy

Solutions for scrap collecting companies

- cutting oversized scrap 5A
- cutting of bracketed scrap and knitted bundles of sheets and pipes
- cutting of heavy scrap (up to 1500mm)
- cutting of slab scrap
- cutting stainless steel scrap
- cutting cast iron
- cutting of "gored" scrap and "boats"
- cutting rolls
- desizing of large diameter pipes
- cutting non-ferrous scrap
- disassembly of heat exchangers
- cutting used railway wagons
- cutting armored vehicles
- aircraft cutting
- cutting rocket silos
- spear cutting of mixed scrap
- cutting of reinforced concrete
- underwater cutting of metal structures

1.2. Foundry Solutions

- machines for primary gas cutting of hot slabs and blooms on continuous casting machines (primary MGR CCM)
- machines for secondary gas cutting of hot and cold slabs and blooms on continuous casting machines (secondary MGR CCM)
- machines for gas cutting of hot billets of circular cross-section on continuous casting machines (primary MGR CCM)
- portable machines for cutting hot and cold slabs and blooms
- narrow-jet supersonic oxygen cutters for MGR CCM
- machines for oxygen-flux cutting of stainless steel
- manual emergency cutters for MGR CCM
- hand-operated emergency cutters for oxygen-flux cutting of stainless steels at MGR CCM
- machines for fire stripping and descaling

1.3. Solutions for sheet rolling

- machines for trimming sheet edges
- machines for cutting strips and strips
- machines for cutting templates from sheets and plates
- portable machines for cutting sheets and plates



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1.4. Solutions for tube rolling and pipe welding production

- machines for trimming pipe ends
- machines for desizing pipes into strips and strips
- machines for cutting templates from pipes
- machines for cutting technological strips
- robotic systems for cutting pipes

Non-ferrous metal cutting solutions

- machines for cutting aluminum and their alloys
- machines for cutting the slag crust, when melting aluminum
- machines for cutting copper and copper-containing alloys
- machines for cutting titanium
- stainless steel cutting machines
- machines for cutting refractory materials.

Mechanical engineering and fabrication of metal structures.

2.1. Solutions for metalworking companies, metalwork factories and construction companies

- manual cutting of rolled metal in the field
- machine cutting of rolled metal in the field
- portable machines for cutting sheets
- portable pipe cutting machines
- gantry machines for cutting sheets
- cut complexes for plasma and oxy-fuel cutting of sheets
- cut complexes for plasma and oxy-fuel cutting of pipes
- machines for cutting side holes in pipes
- machines for cutting shaped pipes
- machines for cutting channels and I-beams

2.2. Solutions for the nuclear industry

- manual plasma cutting of stainless steels
- automatic cutting of stainless steels
- automatic oxyflux cutting of packages and ingots of great thickness
- machines for cutting holes and circles in tube sheets and ball valve bodies
- robots for cutting radioactive scrap
- equipment for cutting holes in the housings of power plants
- machines for cutting turbine hubs
- installations for the application of corrosion-resistant and heat-resistant structures.



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2.3. Solutions for shipbuilding and ship repair yards

- manual cutting of rolled metal in the field
- machine cutting of rolled metal in the field
- portable machines for cutting sheets
- gantry machines for cutting sheets
- cut complexes for plasma and oxy-fuel cutting of sheets
- underwater cutting of metal structures
- installations for cutting and dismantling of nuclear submarine hulls
- installations for the repair of hulls of ships and submarines.
- installations for chamfering and flattening

Solutions for the military-industrial complex and the aerospace industry

- manual cutting of rolled metal in the field
- machine cutting of rolled metal in the field
- portable machines for cutting sheets
- gantry machines for cutting sheets
- cut complexes for plasma and oxy-fuel cutting of sheets
- installations for cutting aluminum
- plasma cutting of special steel
- installations for cutting armor
- equipment for the disposal of armored vehicles

Non-ferrous metal cutting solutions

- machines for cutting aluminum and their alloys
- machines for cutting the slag crust, when melting aluminum
- machines for cutting copper and copper-containing alloys
- machines for cutting titanium
- stainless steel cutting machines
- machines for cutting refractory materials.



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Mechanical engineering and fabrication of metal structures

2.1. Solutions for metalworking companies, metalwork factories and construction companies

- manual cutting of rolled metal in the field
- machine cutting of rolled metal in the field
- portable machines for cutting sheets
- portable pipe cutting machines
- gantry machines for cutting sheets
- cut complexes for plasma and gas-oxygen cutting of sheets
- cut complexes for plasma and gas-oxygen cutting of pipes
- machines for cutting side holes in pipes
- machines for cutting shaped pipes
- machines for cutting channels and I-beams

2.2. Solutions for the nuclear industry

- manual plasma cutting of stainless steels
- automatic cutting of stainless steels
- automatic oxygen-flux cutting of packages and ingots of great thickness
- machines for cutting holes and circles in tube sheets and ball valve bodies
- robots for cutting radioactive scrap
- equipment for cutting holes in the housings of power plants
- machines for cutting turbine hubs
- installations for the application of corrosion-resistant and heat-resistant structures.

2.3. Solutions for shipbuilding and ship repair yards

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Solutions for the military-industrial complex and the aerospace industry.

- manual cutting of rolled metal in the field
- machine cutting of rolled metal in the field
- portable machines for cutting sheets
- gantry machines for cutting sheets
- cut complexes for plasma and oxy-fuel cutting of sheets
- installations for cutting aluminum
- plasma cutting of special steel
- installations for cutting armor
- equipment for the disposal of armored vehicles

Oil and gas industry

3.1. Pipeline construction and maintenance solutions

- manual cutting of rolled metal in the field
- machine cutting of rolled metal in the field
- portable pipe cutting machines
- machines for cutting side holes in pipes
 - machines for cutting holes and ball valve bodies

3.2. Solutions for petrochemical plants and petroleum engineering plants

- manual cutting of rolled metal in the field
- machine cutting of rolled metal in the field
- portable machines for cutting sheets
- portable pipe cutting machines
- gantry machines for cutting sheets
- cut complexes for plasma and oxy-fuel cutting of sheets
- cut complexes for plasma and oxy-fuel cutting of pipes
- machines for cutting side holes in pipes
- machines for cutting shaped pipes
- machines for cutting channels and I-beams
- machines for cutting shells



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Solutions for oil companies

- manual cutting of rolled metal in the field
- machine cutting of rolled metal in the field
- portable pipe cutting machines
- machines for cutting side holes in pipes
 - machines for cutting holes and ball valve bodies

Sincerely,

Rafael Rubinshtein

Managing Director, CTO