PIONEER
MANUFACTURING SOLUTIONS

FABRICATION EDITION

PRODUCT & SOLUTIONS GUIDE

BUILT ON SERVICE.
FOCUSED ON SOLUTIONS.



PIONEER MANUFACTURING SOLUTIONS

PIONEER

PRESS BREAKS & SHEARING



FORM WITH PRECISION.

Pioneer's forming and shearing equipment, built in partnership with Gizelis, delivers precision, durability, and productivity. Configured around your application.

01

EQUIPMNET CATEGORY

Hydraulic Press Brakes

Reliable and powerful hydraulic press brakes with a wide range of capabilities and lengths for maximum forming perfor-

PIONEER FORGE

Tonage: 40T - 600T
Size: 3'-30'



02

EQUIPMENT CATEGORY

Servo-Electric Press Brakes

High-precision servo-electric press brakes offering superior accuracy, energy efficiency, and quiet operation.

PIONEER TITAN

Tonage: 40T - 600T
Size: 3'-30'



03

EQUIPMENT CATEGORY

Guilotine Shears / Shearing Machines

High-performance guillotine shears engineered for clean, efficient cutting with robust build quality and operator safety.

PIONEER P-CUT



PRODEVCO

STRUCTURAL STEEL PROCESSING



BUILD WITH CONFIDENCE.

Automated equipment for structural steel fabrication, designved to improve through-put, accuracy, and process efficiency.

01

EQUIPMNET CATEGORY

Robotic Plasma Cutting Systems

High-speed, high-precision plasma cutting for structural steel shapes and plates.

PRODEVCO PCR



02

EQUIPMENT CATEGORY

Shot Blasting Machines

Durable shot blasting solutions that clean steel surfaces and prepare for coating.

PRODEVCO PSB 1050



03

EQUIPMENT CATEGORY

Beam Drilling Machines

High-precision drilling for beams with accurate hole placement and fast cycle times.

PBD SERIES



04

EQUIPMENT CATEGORY

Angle Punching Machines

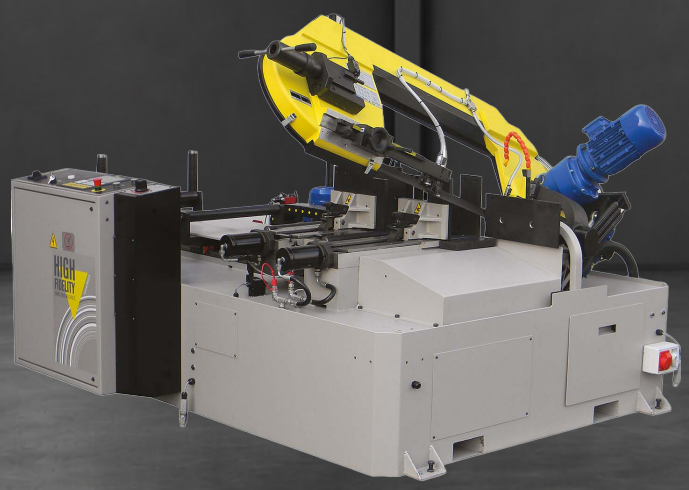
Efficient angle punching for structural steel fabrication with quick, consistent results.

PAP 150



PAT MOONEY | NISHIJIMAX

SAWS & CUTTING SYSTEMS



CLEAN, CONSISTENT CUTS.

Pioneer offers sawing solutions for general fabrication, high-production processing, aluminum cutting, and precision high-speed applications.

01

EQUIPMNET CATEGORY

Horizontal Band Saws

Versatile horizontal band saws designed for consistent cuts, precision, and long service life.

PAT MOONEY PANTHER



02

EQUIPMENT CATEGORY

High-Production Band Saws

Heavy-duty band saws engineered for high capacity, efficiency, and minimal downtime.

PAT MOONEY FMB



03

EQUIPMENT CATEGORY

Aluminum Cutting Saws

Precision saws built specifically for aluminum and non-ferrous materials.

PAT MOONEY PMI



04

EQUIPMENT CATEGORY

High-Speed Circular Saws

Fast, accurate circular saws for a wide range of industrial cutting applications.

NISHIJIMAX



SALVAGNINI

SHEET METAL FABRITCATION & AUTOMATION



MORE OUTPUT. LESS HANDLING.

Salvagnini delivers integrated sheet metal fabrication systems spanning laser cutting, punching and shearing, panel bending, material handling, and automation.

01

EQUIPMNET CATEGORY

Fiber Laser Cutting Machines

High-speed, high-precision fiber laser systems designed for superior cut quality and efficiency.

SALVAGNINI L3



02

EQUIPMENT CATEGORY

Punching & Shearing Systems

Versatile punching and shearing systems built for speed, accuracy, and low operating cost.

SALVAGNINI S4



03

EQUIPMENT CATEGORY

Panel Bending Systems

Advanced panel benders engineered for precision forming, repeatability, and minimal setup time.

SALVAGNINI P2



04

EQUIPMENT CATEGORY

Automated Fiber Laser Cutting Systems

Fully automated fiber laser cutting solutions that maximize productivity and reduce labor.

SALVAGNINI L5 AUTOMATED



PRECISION • PERFORMANCE • PIONEER

HSG LASERS

FIBER LASER CUTTING SYSTEMS

HSG 3015L



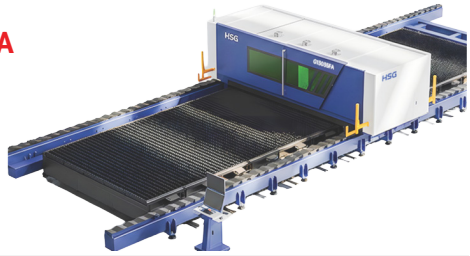
01

EQUIPMNET CATEGORY

Sheet Metal Fiber Laser Cutters

Precision fiber laser cutting for sheet metal and plate, from standard sheets to oversized formats.

HSG G130FA



02

EQUIPMENT CATEGORY

Heavy-Duty Tube & Profile Laser Cutters

High-capacity systems for oversized tubing and heavy structural profiles, built for demanding fabrication.

HSG TL



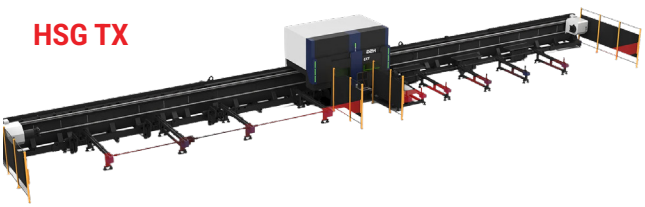
03

EQUIPMENT CATEGORY

Large Tube & Profile Lasers

Versatile cutting for large tubing and structural profiles used in frames, equipment, and fabricated assemblies.

HSG TX



04

EQUIPMENT CATEGORY

Tube & Profile Laser Cutters

Fast, precise cutting for small to mid-size round, square, and rectangular tubing across everyday fabrication applications.

HSG R2



IPG PHOTONICS

FIBER LASER WELDERS

CONSISTENT WELDS.

Made in the USA, IPG LightWELD systems deliver fast, precise welding with less heat, reduced distortion, and minimal finishing.



01

EQUIPMNET CATEGORY

Entry-Level Handheld Laser Welders

An accessible handheld laser welding system delivering fast, precise welds with minimal heat

IPG LightWELD 1000



02

EQUIPMENT CATEGORY

Versatile Handheld Laser Welders

A versatile handheld system offering greater power and flexibility across a wide range of welding applications.

IPG LightWELD 1500XR



03

EQUIPMENT CATEGORY

High-Output Handheld Laser Welders

A high-output laser welding system built for faster production, deeper penetration, and demanding applications.

IPG LightWELD 2000XR



04

EQUIPMENT CATEGORY

Automated Robotic Welding Systemts

An automated robotic welding cell combining LightWELD technology with consistent performance and simplified operation.

Pioneer LightBOT Laser Welding Cell



HSG LASERS

PLATE ROLLING SYSTEMS



PRECISE CURVES. POWERFUL FORMING.

Parmigiani plate rolls and automated rolling systems deliver precision, power, and productivity, with solutions for a wide range of plate thicknesses, part sizes, and production requirements.

01

EQUIPMNET CATEGORY

4-Roll Plate Rolls Systems

Precision plate rolling systems for cylindrical and conical parts, combining secure plate clamping, accurate pre-bending, and efficient

Parmigiani VBH Series



02

EQUIPMENT CATEGORY

3-Roll Double-Pinch Plate Rolls

Versatile plate rolls that pre-bend both ends without removing or turning the plate, supporting efficient production of cylinders and cones for general

Parmigiani TBH Series



03

EQUIPMENT CATEGORY

Variable-Geometry Plate Rolls

Heavy-duty plate rolls with independently adjustable rolls, providing flexible bending geometry and controlled pre-bending for thick plate and

Parmigiani PCO Series



04

EQUIPMENT CATEGORY

Automated Plate Rolling Lines

Integrated plate rolling systems with digital controls and optional handling equipment, designed for accurate, repeatable wind tower section

Parmigiani Wind Tower



PIONEER

PRECISION • PERFORMANCE • PIONEER

IPG PHOTONICS

LARGE-FORMAT PRECISION MACHINING

Manufactured in North Carolina, C.R. Onsrud CNC routers and machining centers deliver precision and productivity for aluminum, composites, plastics, and wood.



01

EQUIPMNET CATEGORY

Aluminim Extrusion CNC Machinery

Five-axis drilling, milling, tapping, and sawing for aluminum extrusions, delivering precise features with fewer setups.

C.R. ONSRUD X-SERIES



02

EQUIPMENT CATEGORY

Heavy-Duty Extrusion Machinery

Powerful five-axis machining with automated clamping for efficient processing of heavy, complex aluminum extrusions.

C.R. ONSRUD X-SERIES HEAVY-DUTY



03

EQUIPMENT CATEGORY

Large-Format Aluminum CNC Machinery

High-speed machining for aluminum plate and large components, combining heavy cutting capability with flexible table configurations.

C.R. ONSRUD E-SERIES



04

EQUIPMENT CATEGORY

Large-Format Hybrid CNC Mills

Versatile milling solutions for large aluminum and ferrous metal components, combining cutting power with capacity for demanding parts.

C.R. ONSRUD HM-SERIES



PIONEER
MANUFACTURING SOLUTIONS

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