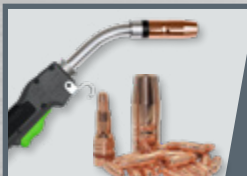


## WIRE WIZARD® GUIDE MODULE SYSTEM FOR MIG & SAW

Innovative design eliminates skid friction around bends and turns in the wire delivery system.



## POWERBALL® MIG WELDING GUNS & CONSUMABLES

Engineered to provide maximum conductivity and increased consumable life, proudly made in USA.



## DRUM & WOOD REEL WIRE DELIVERY EQUIPMENT

Effortlessly dispenses and protects wire from bulk wire drums or wood reels.



## POWERBALL® LONG-LASTING ELLIPTICAL WIRE TORCH LINERS

Patented elliptical wire liner for long life and low wire friction, available for most MIG gun models.



## TORCH WIZARD® NOZZLE CLEANING STATIONS

Heavy duty, low maintenance cleaning stations designed for optimum performance and cycle time.



## BLUE MAGIC® & BLUE CHILL® ANTI-SPATTER

Trusted by top manufacturers around the globe for industrial strength spatter protection.



## POWERBALL® ENERGY EFFICIENT WELDING CABLE

Patent pending consolidated copper lug design for high performance and long service life.



## WELD CENTRAL® WELD PROCESS OPTIMIZATION SYSTEM

Welding optimization system with Wizard View® DAQ and monitoring software to maximize OEE.



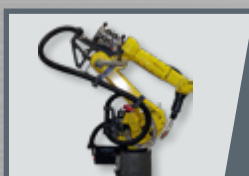
## CONDUIT & CONNECTORS FOR MIG & SAW WIRE

Low-friction polymer and steel lined conduit built tough for industrial applications.



## WIRE PILOT® PNEUMATIC FEED ASSIST

Provides simple and effective "push-pull" system to eliminate wire skid friction in MIG and SAW welding.



## WIZARDGEAR® ROBOT CABLE MANAGEMENT

Secures and protects cables attached to robots in harsh industrial environments.



## SUBMERGED ARC WELDING PRODUCTS

PowerBall® SAW Torch, Mechanical Turn Table and Wire Delivery Systems for Large Wire.



## DRUM & REEL HANDLING EQUIPMENT

Heavy duty, USA made drum lifters, drum and wood reel dollies, carts and more.



## GAS FLOW OPTIMIZATION PRODUCTS

Gas Wizard® Inert Gas Savers and gas flow monitoring and optimization equipment.



## TOOLS & MAINTENANCE EQUIPMENT

Wire Wizard® Wire and Welding Pliers and diagnostic tools for MIG wire delivery systems.



## NU-ICE DRY ICE CLEANING EQUIPMENT

COMMANDO® dry ice blasting machines, ideal for weld cell and production line cleaning.





# SOLUTIONS TO YOUR WELDING WOES



## EXCESS DOWNTIME

- ▶ **All Wire Wizard® Products** are designed to help eliminate downtime!
- ▶ **Non-Stop® Wire System** — for continuous wire delivery, eliminating downtime for wire changeout
- ▶ **Weld Central® Optimization System** — monitor processes and solve problems causing downtime



## EXCESS SCRAP & POOR WELD QUALITY

- ▶ **PowerBall® Torch Products** — consistent welding performance with unrivaled current transfer
- ▶ **PowerBall® Replacement Torch Liners** — provides smooth wire feeding for better welding consistency
- ▶ **Weld Central® System & Gas Tracker™** — monitors variables and detects problems to prevent bad welds



## BURN-BACKS

- ▶ **Torch Wizard® Nozzle Cleaning Stations** — keep nozzles free of spatter that can cause burn-backs
- ▶ **Blue Magic® Anti-spatter** — helps eliminate excess spatter buildup on the contact tip and nozzle
- ▶ **PowerBall® Torch Products** — superior cooling features prevent spatter buildup and tip deformation



## POOR CONSUMABLE LIFE

- ▶ **PowerBall® Torch Products** — enhanced conductivity and less heat buildup for longer consumable life
- ▶ **Torch Wizard® Nozzle Cleaning Stations** — prevents tip failure due to spatter buildup on nozzles
- ▶ **Weld Central® Optimization System** — monitors and detects problems that reduce consumable life



## EXCESS SPATTER BUILDUP

- ▶ **Blue Magic® Anti-spatter** — formulated for industrial use, protects against spatter buildup
- ▶ **Torch Wizard® Nozzle Cleaning Stations** — keeps torch nozzles spatter-free and prevents arc failures
- ▶ **PowerBall® Consumables** — optimized tip geometry and superior cooling prevent spatter buildup



## WIRE TANGLING AND BIRDNESTING

- ▶ **Wire Wizard® Guide Modules** — eliminates wire skid friction on corners for smooth wire delivery
- ▶ **PowerBall® Torch Liners** — elliptical wire liners reduce wire friction to prevent birdnesting
- ▶ **Orbital Arm Kits** — eliminates wire tangling problems inside bulk wire drums