**TBi RM2 Product line**

- Collision resistant torch design
- Thermally stable torch design for a highly precise T°C
- Eliminates readjustment of the torch neck
- 8 Different torch neck models
- 3 Different cable assemblies
- Compatible with standard and through arm robots

**62G/72G**

- 45 or 22 Degree neck
- Two standard lengths - regular or long
- Gas cooled
- 62G Duty cycle rating
  - CO₂ - 500A / 60%, 340A / 100%
  - Mixed Gas - 420A / 60%, 290A / 100%
- 72G Duty cycle rating
  - CO₂ - 480A / 60%, 320A / 100%
  - Mixed Gas - 400A / 60%, 270A / 100%

**82W**

- 45 or 22 Degree neck
- Two standard lengths - regular or long
- Water cooled
- Duty cycle rating
  - CO₂ - 600A / 100%
  - Mixed Gas - 550A / 100%

**82WNG**

- Provides access to hard to reach weld joints
- Water cooled (gas available)
- Duty cycle rating
  - CO₂ - 380A / 100%
  - Mixed Gas - 350A / 100%
**BRG2**
- Rotating reamer
- Enclosed anti-spatter unit
- Eliminates robot workcell contamination
- Evenly coats torch consumables
- Reduces anti-spatter usage
- Wire cutter

**JetStream**
- Thorough cleaning using blast particle
- Increased productivity
- Extends consumable life
- Enclosed anti-spatter unit

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**TBi Torch Cable Assemblies**

**Helix** (for hollow wrist robots)
- Long life cable assembly
- +/- 270° in both directions
- Gas and water cooled models

**Infiniturn** (for hollow wrist robots)
- Long life cable assembly
- Endless rotation
- Water cooled

**Standard Over The Arm**

**Robo MIG**
- Long life cable assembly
- Robust connection points
- Gas and water cooled models
**Laser Touch Sensing**
- Faster touch points
- Eliminates wire cast
- Integrated to robot
- Automated door design
- Shortens cycle times
- Repeatable touch

**Robot and Torch Alignment**
- Identify misalignment
- Pointer connects to robot and torch

**Camera Box**
- Automatic door to protect lens
- Positive air flow used to keep camera clean

**Double Check**
- Improves weld quality
- Verifies position of the robot weld wire
- Suspends automatic operation or notifies operator when misalignment is detected

**System Guarding**
- Customizable configurations
- Easy peripheral attachment points
- Sliding and swing doors available
- Maintenance windows

**Consumables**
- Threaded nozzles with multiple configurations
- Long life CuCrZr contact tips and tip holders
- Ceramic and duroplast gas diffusers / spatter protection
- Neck and cable liners for simplified maintenance

**Torches**
- Push Pull Torch
  - Smooth feeding for soft wires (aluminum)
  - Simple connection to wire feeder
  - Standard and through arm models
- Tandem Torch
  - 2 x 550A at 100% duty cycle
  - Long life nozzle and consumable parts
  - Compatible with all power supplies
  - Highest TCP reliability

**Picture Frames**
- Custom sizes available
- Designed for plate style fixtures

**Quick Change Tooling**
- Rapid tool changeover
- Simple one step process
- Reduces robot downtime during tool changeover
- Self-alignment system
- Self-engaging safety latch

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