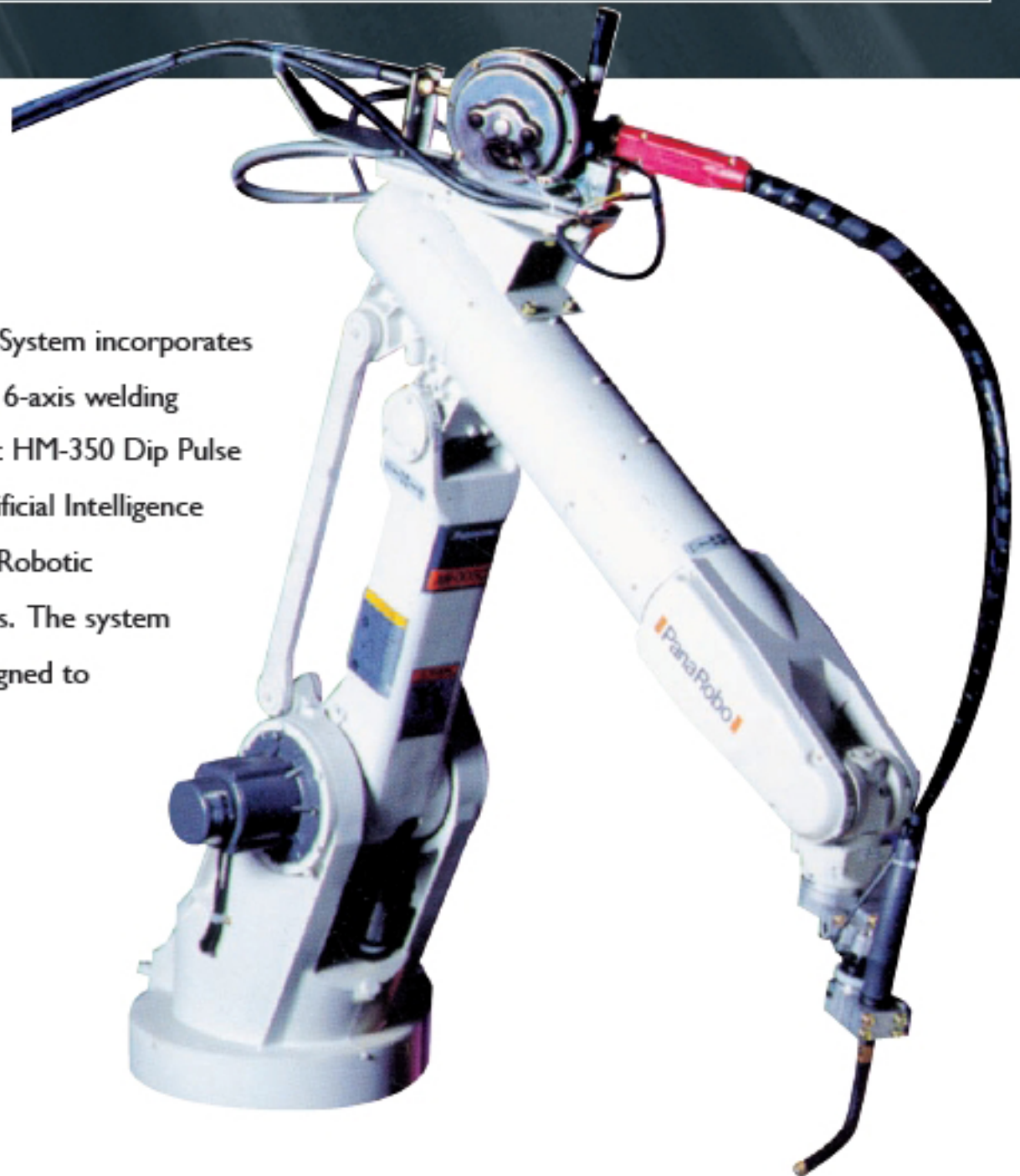


# Panasonic Robotic Welding System

The Panasonic Robotic Welding System incorporates a Panasonic Model VR-006 AL II, 6-axis welding robot, together with a Panasonic HM-350 Dip Pulse Welding Power Source with Artificial Intelligence and two Panasonic DICE Servo Robotic Headstock - Tailstock Positioners. The system components are specifically designed to perform as one unit.



## Robotic Welding

- Welding robot, 72" radial reach
- Brakes on all six manipulator axes
- Automatic On-the-Fly GMAW Arc Starting
- Twin 32-bit RISC-based controller microprocessors
- "Tip Monitor" to indicate time to change contact tip
- Panasonic HM-350 Dip Pulse Welding Power Source with Artificial Intelligence
- Dip-Pulse, A.I. control, voltage compensation
- Output: 40 to 350 amps, 12 to 36 volts, 575 amp peak output
- Reduces welding time by about 25%
- Essentially eliminates spatter and reduces welding fumes by 30%
- Two Panasonic DICE Servo Robotic Headstock - Tailstock Positioners
- Rated at 1,000 Kg (2,200 lbs.) balanced payload
- Dual servo-driven positioners are interfaced with the robot, allowing extreme flexibility for positioning parts for the robotic welding process
- AC Servo-Motor controlled with absolute encoders
- Rotational speed, 8 RPM
- Face plates and mounting frames for fixturing