

Robotic Wax Spray Head

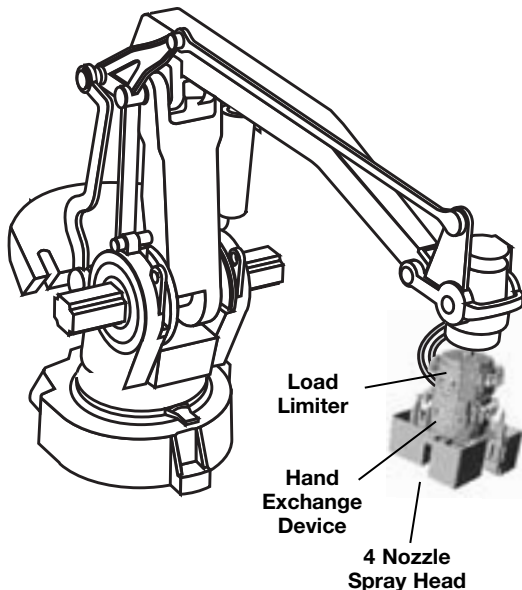
Anticorrosion automotive body cavity wax treatment.

Lifetime Warranty for car body rust through has been made possible with the development of anticorrosion wax treatment of welding seams inside car body cavities. Robotic wax spraying results in significant wax savings (up to 80% less wax than in manual spraying) and better quality, faster cycle times. In order to reach in tight spaces inside car body cavities, there are about (8) robots with over (20) specialized nozzles.

IPR has developed a Wax Spray System consisting of a family of Spray Heads, with one, two, or four nozzles. This method reduces the number of robots needed and provides the specialized robotic spraying equipment developed specifically for the demanding requirements of robotic anticorrosion wax spraying.



Features:



1 Nozzle

Number of Nozzles:.....	1	1
Weight:.....	13 lbs	5.8 kg
See page 3.2.1		

2 Nozzle

Number of Nozzles:.....	2	2
Weight:.....	14.5 lbs	6.5 kg
See page 3.2.1		

4 Nozzle

Number of Nozzles:.....	4	4
Weight:.....	19 lbs	8.5 kg
See page 3.2.1		

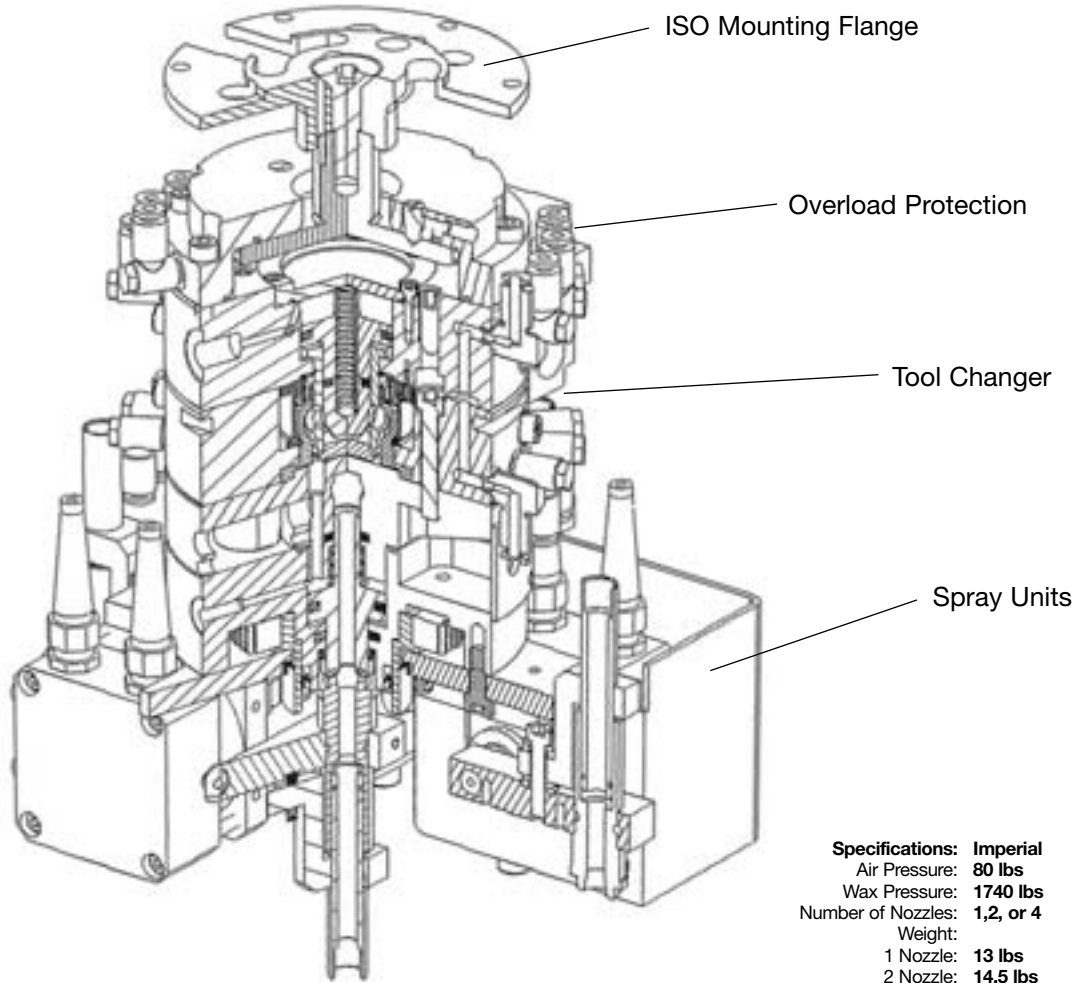
IPR designed & manufactured 4-nozzle Spray Head shown with attached Robotic Hand Exchange Device



Single Nozzle Spray Head with Robotic Hand Exchange Device

- Built-in Overload Protection
- Optional Cleaning Station Position for Robot to avoid wax hardening in Spray Head when stopped for longer periods of time.

Wax Spray Head



Specifications:	Imperial	Metric
Air Pressure:	80 lbs	6 Bar
Wax Pressure:	1740 lbs	120 Bar
Number of Nozzles:	1, 2, or 4	1, 2, or 4
Weight:		
1 Nozzle:	13 lbs	5.8 Kg
2 Nozzle:	14.5 lbs	6.5 Kg
4 Nozzle:	19 lbs	8.5 Kg
Temperature:	60°~140° F	15°~60° C
Electrical:	24 V	24 V

Robotic Wax Spray System

