

**40-42" Dual Drive Internal Pneumatic Clamp (IPC40-42)  
TECHNICAL SPECIFICATIONS AND FEATURES**



Pipe Size Range	40"-42" (1016-1067mm)
Wall Thickness Range	.375"-.750" (9.5-19mm)
Standard Length	148" (3759mm)
Width	36" (914mm)
Height	38" (965mm)
Weight	3650 lbs (1656 kg)
Working Air Pressure	200-220 psi
Air Motor	(2) 2.7 hp Drive Motors - Dual Side drive
Air Tank	80gal w/ 4.7 gal reserve
Clamping Shoes	48 total clamp shoes, 24 on each section
Cylinder	14" (356mm)
Climbing Capability	25° + slope

**Features / Advantages**

- Filters, lubricators, regulators and valves all rated to 250psi
- Fully hardened dowel pins
- Nose cone made of seamless 4130 steel for durability
- Clamp frame is built using 2"x 3/8" angle iron and 2" X 1/4" WT square tubing to create a strong, durable frame
- Darby uses grade 8 bolts and the highest quality seals and u-cups in our assemblies
- Darby uses only the highest quality high pressure quick exhausts
- Air tubes are electro statically plated to reduce corrosion
- Extra 4.7 gallon air tank with check valve reserves air for multiple actuations of rear roller brackets
- Remote operated by reach rod
- Most clamps can cover two pipe sizes through the use of conversion kits
- All powered clamps have a 25 degree climbing capability
- Powered line travel on models 16" to 60 " for easy operational mobility through the pipe