



CBP Features and Benefits



CBP is Hale's oldest PTO pump

Ideal for mini pumpers, small apparatus, interface apparatus and tankers and as an auxiliary pump and roll pump on most apparatus

CBP is available in 250 GPM NFPA 1901 ratings

200 GPM @ 300 PSI or 50 GPM at 250 PSI or 30 PGM @ 400 PSI NFPA 1906 rating, EN1028-10/10; ISO 8/9 rating; NWCGT and PC3 ratings

FEATURES	BENEFIT
Pump designed to give builder the flexibility to design special plumbing 4" VIC/3" NPTF inlet x 115 Flange/2" NPTF outlet	<i>Hale/Class 1 offers many tees, wyes, and other fittings in SS. VIC is new</i>
Horizontally split body design Mounting holes placed for drop out	<i>Allows pump to be removed for rebuilding</i>
Mixed flow bronze impeller design	<i>Efficient and smooth hydraulic design Dynamically balanced Operates up to 400 PSI Up to 400 GPM from hydrant with sufficient HP Up to 400 GPM from 3" tank to pump line</i>
No Outboard head or bearing required	<i>This allows our design to have only one packing gland or seal, greatly simplifying service/repair issues</i>
Seals	<i>Mechanical seal</i>
Renewable bronze clearance rings	<i>Serviceability</i>
Gear box with cooling tube option	<i>Option for severe duty situations</i>
Hale accessories designed to work with pumps	
Very compact and lightweight	<i>100 pound package, easy in install in almost all applications</i>
5 year warranty, first two years includes labor	<i>Other companies offer parts only</i>

Competitor similiar pumps: Waterous CPK2; Darley HM or 2-1/2AG



CBP Applications

CBP can be used as a primary or auxiliary vehicle mounted fire pump - either midship or rear mounted.

Pump and Roll Usage	Apparatus Applications
1 or 2 reels or one 1-1/2/1-3/4 handline or bumper turret or ground sweeps	Most manual transmissions Allison EVA 3000, 4000 automatic transmission PTOs with 120% or 140% PTO. CPB4 pump, 100 PSI @ 100 GPM @ 700 to 750 engine RPMS or Allison 1000/2000 - not good for pump and roll F550 Ford 6R140 Transmission - not good for pump and roll
Stationary Pumping Usage	Stationary Pumping Applications
One or two reels, One or two 1-1/2/1-3/4 hoselines or one 2-1/2" attack line or bumper turret or small monitor or water supply via 2-1/2" or 3" hose	Most manual transmissions Allison EVA 3000, 4000 automatic transmission PTOs with 120% or 140% PTO. CPB4 pump, 100 PSI @ 100 GPM @ 700 to 750 engine RPMS or Allison 1000/2000 - not good for pump and roll F550 Ford 6R140 Transmission - not good for pump and roll