



BOOST

High Inlet Pressure Pump

- Intensify / Boost pressure during EOR water flooding or water disposal operations at pressure drop points.
- Transfer fluids between facilities.
- Avoid adding or upsizing main HPS pumps.
- Handle free or entrained gas with the fluid.
- 100% turndown capability with no recirculation required, consuming less power and generating less heat.
- Inlet pressure from 1 to 2160 or 2500 psi.
- Fully automated system that requires minimal supervision.
- Choose from a wide variety of delta p and volumetric capacity units.

Boost Model	430	545	745	770	970	1070	
Δp	1500	2500	1200	2500	1800	1250	psi kPa
	10342	17237	8274	17237	12410	8618	
MAWP (1) (2)	2500	2160					psi kPa
	17237	14899					
HP	30	75	75	200	200	200	hp std hp max
				250	250	250	
Max Discharge Temp	65						°C
Max Liquid Equivalent Capacity (3)							
	204	297	640	633	1,109	1,601	m3/d

- (1) Standard units are ANSI 900# and optional ANSI 1500# units can be supplied
 (2) Inlet pressures up to MAWP
 (3) Volumes can be increased by setting units in parallel
 Find the latest table updates at www.myijack.com

WHEN TO USE AN IJACK BOOST HIGH INLET PRESSURE PUMP

Applications and Benefits:

- **Transfer fluids between facilities.**
 - Fluids can contain free and/or entrained gas.
- **Intensify / Boost pressure.**
 - Repressurize an injection system due to pressure drops.
 - Extend a water flood or disposal operation installing BOOST pumps on risers near the end of the pipeline.
- **Avoid acidizing work.**
 - When in doubt if an injection issue is scaling in the perforation zone or formation pressure, increasing injection pressure may prevent the acidizing work.
- **Pump Polymers.**
 - Pump high concentrations of polymers during water flooding operations.
- **Dampeners.**
 - BOOST pumps can be used with discharge dampeners or mirrored units.