

Internal Pneumatic Line-Up Clamp

Internal Pneumatic Line Up Clamps, commonly known as IPLC, are pneumatically operated high precision machines that work inside the pipe used to align two pipe section of identical diameter for External Welding.

IPLC comes in "Self-propelled" and "Non-self-propelled" range and are designed keeping in view the industry standards and pipe line operations. Front and Rear head operate independently to line up the pipes with different wall thickness and lock the clamp into desired position. IPLCs are designed for rapid and easy adjustment for any wall thickness within its range.

Non powered Internal pneumatic line up clamp are generally used for small diameter pipes ranging from 6" - 18". Option with self-propelled also available in these sizes.

Self-propelled internal pneumatic line up clamp are suitable pipe dia. From 16" – 60".

Compressor Requirement

For 6 – 18" non powered - 25 cm
For 10– 36" self-propelled - 40 cm
For 36 – 60" self-propelled -90 cm

Features & Benefits

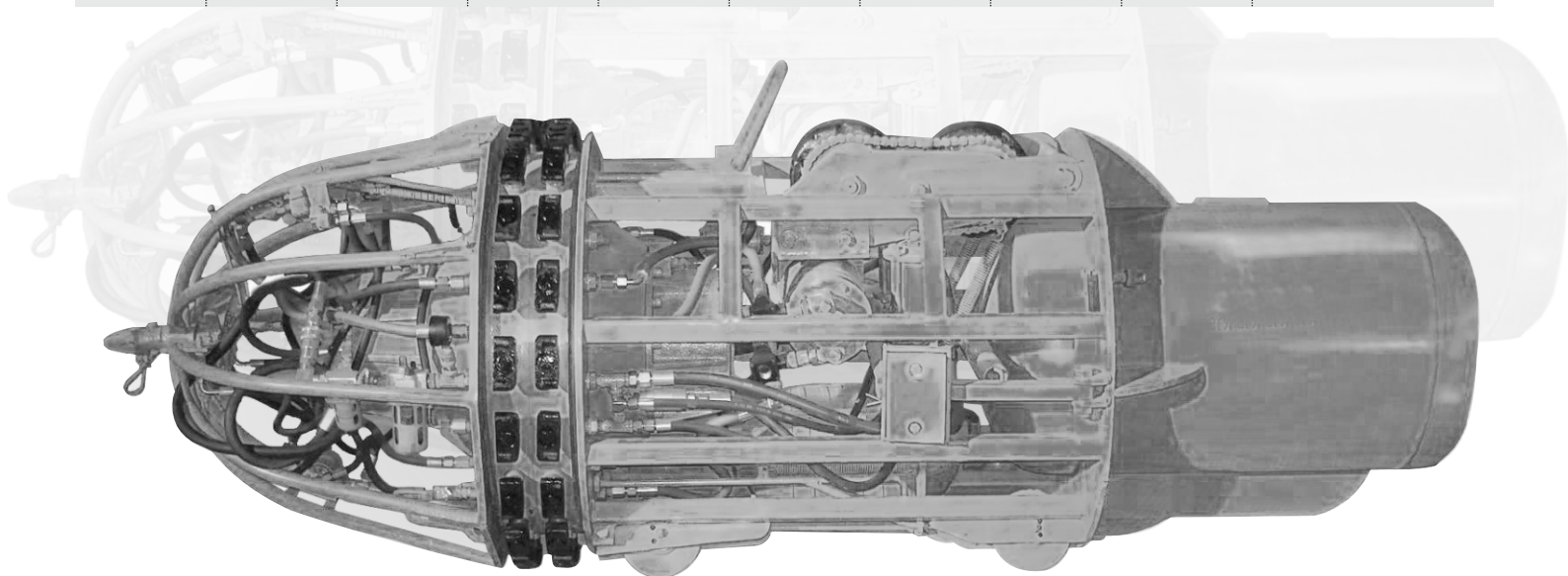
- Polyurethane wheels for all sizes.
- Air Reservoir Tank.
- 60 feet of reach rod.
- Maximum Safe working pressure 225PSI (15.5 Bar)
- 25 degree grade capability for self-propelled.
- Independent Front and Rear Line up head.
- Standard clamps are adjustable up to 500 wall thickness.
- Centre lifting eye.

Optionals

- Additional Reach Rod.
- Stainless steel pipe compatibility.
- Dual side drive.
- Conversion Kit
- Storage Skid
- Compressor
- Emergency Braking.

Specifications

MODEL	PIPE SIZE	LENGTH	WIDTH	HEIGHT	WEIGHT	NO. OF CYL	MOTOR		TYPE
	INCH	MM	MM	MM	KG		HP	QTY.	
PC 10 - 12"	10 - 12"	1625	254	292	136	6	NIL	NIL	Non-Self propelled
PC 12 - 14"	12 - 14"	2286	305	343	161	6	NIL	NIL	Non-Self propelled
PC 16 - 18"	16 - 18"	2620	406	445	240	8	1	1	Self propelled
PC 20 - 22"	20 - 22"	2680	470	508	315	8	1	1	Self propelled
PC 24 - 26"	24 - 26"	2880	610	648	500	10	1	1	Self propelled
PC 26 - 28"	26 - 28"	3130	700	720	500	12	3	1	Self propelled
PC 28 - 30"	28 - 30"	2880	710	750	510	12	3	1	Self propelled
PC 30 - 32"	30 - 32"	3160	762	800	625	16	3	1	Self propelled
PC 34 - 36"	34 - 36"	3400	910	910	820	20	3	1	Self propelled
PC 36 - 38"	36 - 38"	3668	914	955	940	24	3	1	Self propelled
PC 38 - 40"	38 - 40"	3668	920	970	1200	24	3	1	Self propelled
PC 40 - 42"	40 - 42"	3658	1016	1055	1300	24	3	2	Self propelled
PC 42 - 44"	42 - 44"	3970	1050	1055	1400	24	3	2	Self propelled
PC 46 - 48"	46 - 48"	3850	1143	1180	1525	24	3	2	Self propelled
PC 50 - 52"	50 - 52"	4000	1270	1308	2100	24	3	2	Self propelled
PC 52 - 54"	52 - 54"	4572	1320	1360	2200	24	3	2	Self propelled
PC 54 - 56"	54 - 56"	4000	1372	1410	2400	24	3	2	Self propelled
PC 58 - 60"	58 - 60"	4600	1473	1525	2702	24	3	2	Self propelled



Disclaimer

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Dimensions and weights provided for reference only. Dimensions, Specifications and Weights can vary depending upon final configuration of the equipment. Please contact Marvel Engineering to confirm final weights and dimensions prior to shipment