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Pneumatic Internal Clamp



Dual control systems of operating buttons on the machine and the operating rods with standard length of 13ms.

Max system pressure:1.6Mpa

Max working pressure:0.8Mpa

Max travelling working pressure:0.7Mpa.

Clamp equipped with compressed air pressure setting regulator and mist lubrication for efficient operation.



Roller-type expanders adjustable for any wall thickness within the specified pipe size.

Copper backup shoe equipped as optional device for automatic orbital welding

12"and above clamps covers at least two pipe diameters by using of conversion kits.

Motorized units are available from size 16" to 80" while the small sizes are pull traveled.

All self-propelled clamps have 20 degree average grade capability with standard equipment of parking brake.



Clamp max travel speed 1.3 m/s.

Both drive and free wheel adjustable for pipe size change

Adequate power for average 4 joints alignment under fast operation are assured by a compressed air tank.



OTHER DISTINGUISHED FEATURES

- Finest quality high pressure seals and valves assures the long time operation.
- Durable wheels to suit internal coating and hold up for arctic or tropical area.
- Electro statically plated air tubes to prevent corrosion.
- Components interchangeable within the near models.
- Storage stand equipped for good stocking.

NON SELF-PROPELLED CLAMP (MANUAL PULLED)

Model	Pipe size	Piston nos	Piston power	L	W	H	Weight	Cube
	mm		(kN)	(mm)	(mm)	(mm)	(kg)	(m³)
PMDNQ 6"	168	6×2	134	1473	150	150	36	0.04
PMDNQ 8"	219	6×2	209	1593	189	189	53	0.06
PMDNQ 10"	273	6×2	382	1665	240	240	60	0.09
PMDNQ 12"-14"	305-357	6×2	405	1751	280	280	100	0.14

SELF-PROPELLED CLAMP (TRAVELS UNDER ITS OWN POWER)

Model	Pipe size	Piston nos	Piston power	Motor power	Motor nos	L	W	H	Weight	Cube
	(mm)		(kn)	(hp)		(mm)	(mm)	(mm)	(kg)	(m³)
PMDNQ 16"-18"	406-457	8×2	959	1	1	2132	360	360	188	0.29
PMDNQ 20"-22"	508-559	10×2	1057	1.5	1	2434	480	480	296	0.59
PMDNQ 22"-24"	559-610	12×2	1268	1.5	1	2500	530	530	390	0.72
PMDNQ 24"-26"	610-660	12×2	1268	1.5	1	2672	580	580	418	90
PMDNQ 28"-30"	711-762	12×2	1748	1.5	1	2700	670	670	512	1.2
PMDNQ 30"-32"	762-813	14×2	2937	3	1	2938	690	690	733	1.4
PMDNQ 34"-36"	864-914	16×2	2937	3	1	3023	790	790	779	1.8
PMDNQ 36"-38"	914-965	18×2	2937	3	1	3188	860	860	865	2.4
PMDNQ 40"-42"	1016-1067	20×2	2937	3	1	3029	980	980	982	3.0
PMDNQ 46"-48"	1168-1219	20×2	4855	3	1	3100	1050	1050	1420	3.7
PMDNQ 48"-50"	1219-1270	22×2	4855	3	2	3517	1120	1120	1876	5.2
PMDNQ 52"-54"	1321-1372	22×2	4855	3	2	3520	1210	1210	1988	5.4
PMDNQ 56"	1422	22×2	4855	3	2	3500	1310	1310	2187	6.6
PMDNQ 60"	1524	22×2	4855	3	2	3500	1310	1310	2187	6.6
PMDNQ 62"-66"	1574-1676	24×2	4855	3	2	3864	1557	1557	2887	10.0
PMDNQ 68"-72"	1727-1727	24×2	4855	3	2	3864	1557	1557	2887	10.0
PMDNQ 76"-80"	1930-2032	30×2	4855	3	2	4000	1800	1800	3855	13.0

Specifications for reference only and do not constitute a contract!

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