



URBAR
ingenieros s.a.

Internal pneumatic vibrators

P serie



- High frequency.
- High centrifugal force.
- Oil lubrication incorporated.
- Vibrating turbine without bearings.
- Regulation handle incorporated.
- Lights and easy to handle.

Internal pneumatic vibrators. P serie.

Technical characteristics

Type		P-35	P-54	P-74	P-86	P-105	P-142
Head diameter	mm	35	54	74	86	105	140
Head lenght	mm	315	370	400	460	390	550
Total lenght	mm	2550	2630	2600	2200	2690	1300
Frequency	vpm	18800	16500	16000	18000	13500	10000
Centrifugal force	kN	2,5	5,4	11,8	21	33,3	33
Consumption	l/min	445	900	1200	1450	2100	2880
Aggregate size	mm	25	45	55	75	90	140
Action diameter	cm	40	70	80	100	130	170
Weigth	kg	4,9	7,9	12,5	16,7	23	35

Performaces established with a 6 kg/cm² air pressure.

Description and functioning

The P serie pokers obtain remarkable performances with a very simple design. Minimum movable parts assure the functioning. In the inside, there is a turbine without bearings.

Two concentric tubes make the hose, the inlet hose is in the inside and the exhaust hose, in the outside, drives the air after it goes to the turbine. The exhaust is made through the regulation handle connected directly to the air pressure.

The oil is stocked in the handle deposit, with four hours job capacity. Thus the turbine is lubricated automatically, as the air pulls the pulverised oil.

The internal pieces are treated to make them last longer, eventhough the lubrication is important as otherwise the working life of poker can be dramatically reduced.



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