



AQUARIUS ENGINEERS PVT. LTD.

Concrete Pumps, Batching Plants, Boom Pumps



TRUCK MOUNTED LINE PUMPS - MOLI



Salient Features:

- ▶ Low operation cost
- ▶ Powerful agitator
- ▶ Lower number of strokes
- ▶ Safe water-cleaning system
- ▶ Hard-faced wear parts for longer life
- ▶ Compact Design and least towing length
- ▶ Innovative flap straight design with cleaning socket
- ▶ Uninterrupted continuous operations even if electrical system malfunctions
- ▶ Infinitely variable concrete output, from minimum to maximum
- ▶ Largest core pump in this class with 200 mm diameter concrete cylinder
- ▶ Pump regulator provided to protect overheating of hydraulic system and overloading of engine
- ▶ Fully Hydraulic Controls used to reduce electrical components and increase reliability
- ▶ Pipeline cleaning is possible by water pumping
- ▶ Built-in with maximum flexibility for site-to-site movement
- ▶ Designed to carry delivery pipeline, bends, tool box and other accessories



Worldwide Preferred
'S' Valve Technology

Technical Specifications:

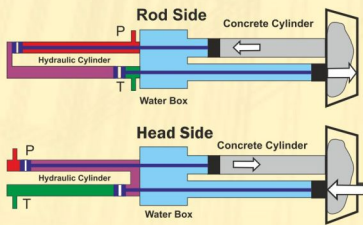
Model Specifications		Unit	703	1004 D	1405 D	1407 D
			MOLI	SHP MOLI+	MOLI+	MOLI+
Diesel Drive						
Prime Mover		kW	34.6	49	49	82
Theoretical Output		m ³ /hr	30	51/35*	51/35*	65/45*
Del. Cylinder Diameter		mm	200	200	200	200
Del. Cylinder Stroke		mm	700	1000	1400	1400
No. of Strokes		per min	22.5	27/18*	19/13*	25/17*
Hydraulic Transmission	Rod Side	-	-	1:4.9	1:4.9	1:4.9
	Head Side	-	1:3.3	1:3.3	1:3.3	1:3.3
Concrete Pressure		bar	76	61/91*	61/91*	71/106*
Concrete Hopper Capacity		l	500	500	600	600
Delivery Distance**	Horizontal	m	320	400	500	600
	Vertical	m	80	100	125	150
GVW		kg	7500+	10000+	11000+	11000+
Wheel Base		mm	3400 +	3600+	4200+	4200+
Chassis Frame Width		mm	825+	850+	850+	850+

*Values for hydraulic fluid being fed to piston side. **Distances to be read as either horizontal or vertical. The concrete should be pumpable & follows DIN 1045 standard.



Perfect Solution for Metro & Major Cities

Hydraulic Pressure Application



Cylinder Diameter Comparison

AQUARIUS

Concrete Pumps

Other Concrete Pumps

Dia = 200 mm

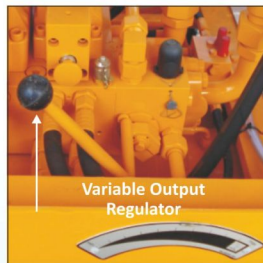
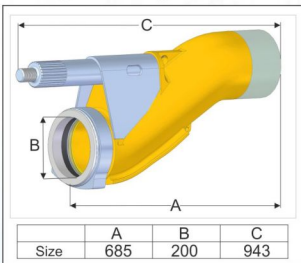
Area = 31420 mm²

Dia = 180 mm

Area = 25450.2 mm²

Aquarius Pump Cylinders have larger area than others by 23.5%

Largest & Longest 'S' Valve



Performance of equipment is based on standard working conditions. Design / Specifications can be changed without prior notice.



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