



### Truck-Mounted Boom Pump (Model:TP47RZ5U)

#### Detailed Description

Be suited for different project application especially the small site and bridge projects.

#### Chassis and Driving System

- ※Upper parts can be designed according to customers' required chassis. And we could supply the chassis made in China
- ※Equipped with STIEBEL(from Germany) PTO box to connect engine with hydraulic oil pump, making the pump group run more stable and efficient

#### Boom System

- ※The boom system is designed by Multi physics analysis and testing. The steel is made by imported HSLA (High strength low alloy steel). All the welding are 100% inspected to ensure the structure rational and high reliability.
- ※Adopt "R" type folding boom sections easy for special project. And the boom speed is adjusted sleeplessly, with compensated pressure, proportion system of sensitive to loading, as assure the flexible working of the boom.
- ※Maximum shock-absorbing controlled by multiple valve controller.

#### Pumping System

- ※Tungsten steel glass plate and cutting ring guarantee the long using life.
- ※Automatic retraction of the concrete piston provides a more convenient and easier maintenance for the pumping system.
- ※Automatic accelerator tracking system adjust the accelerator according to the actual pumping condition to save more diesel oil.

#### Hydraulic & Electrical System

- ※Adopt double pumps with double circuits system and world famous hydraulic components.
- ※Variable displacement axial piston pump make the swing cylinder more stable and powerful.
- ※Operated by manual/panel/radio remote controller(NBB)

## Detailed Description

Model	Unit	TP47RZ5U
Max.Vertical Reach	m	46.2
Max.Horizontal Reach	m	42.2
Reach Depth	m	33
Unfolding Height	m	9.9
Boom Length	m	9.24/8.27/8.27/8.14/8.23
Boom Section Articulation	°	90/180/180/180/260
Boom Control Mode	/	Manual,Cable & Radio remote control all available
Boom Type	/	RZ
Slewing Range	°	365
Front Outriggers Spread	mm	11125
Rear Outriggers spread	mm	9975
Legs Opening	/	Swinging Leg
End Hose Length	m	4
Arm Attached Pipeline Diameter	mm	125
Concrete Valve	/	S Valve
Max.Concrete Output	m <sup>3</sup> /h	82/140
Max.Pressure	MPa	8.69/5.11
Hydraulic Strokes	min-1	13/22
Cylinder Bore/Stroke	mm	Ø260*2000
Hopper Charge Height	mm	≤1500
Hopper Capacity	m <sup>3</sup>	0.7
Concrete Slump	mm	120-230
Max. Aggregate Dimension	mm	40
Hydraulic System Type	/	open loop
System Working Pressure	MPA	30
Main Hydraulic Pump Type	/	A11VLO190LRDUR/REXROTH
Hydraulic Oil Tank Capacity	L	800
Hydraulic Oil Cooling	/	Air cooling
Hydraulic Cylinder Bore/Stroke	mm	Ø140*2000
Water Tank Capacity	L	750
Overall Length	mm	10000
Overall Width	mm	2500
Overall Height	mm	3800
Total Weight	T	23.9