



EVOMAQ®
EQUIPMENTS

CONCRETE AUTO PUMP



THE BASIS OF YOUR
CONSTRUCTION SITE
NEEDS TO BE RELIABLE

** Image for illustration purposes only*

EVOMAQ® concrete pumps mark a significant milestone in the construction sector. With simplified yet robust engineering, they are specifically designed to endure the demanding conditions of construction sites. This design minimizes maintenance costs, reduces downtimes, and ultimately enhances profitability for your operations. In addition to their cost-effective maintenance, attributed to their simplified design, the concrete pumps' lightweight construction allows for easy installation on smaller trucks, further reducing the overall investment in the equipment.

ATTENTION TO WHAT REALLY MATTERS, YOUR PROFIT

HYDRAULIC RESERVOIR

An efficient air filtration system, complete with a return system and thermometer, minimizes the likelihood of issues with the hydraulic system. This not only significantly extends the lifespan of the equipment but also reduces overall maintenance costs.



SIMPLIFIED PLATFORM

Designed with efficiency and simplicity in mind, the work platform is consistently unobstructed, facilitating seamless operation and maintenance of the equipment.



COOLER

An efficient cooling system stabilizes the oil temperature, always keeping it viscous and preventing premature wear of the hydraulic system.

PIPE SUPPORT

The exclusive support system for the piping is intended to organize the work platform, keeping the tubes always in good condition.



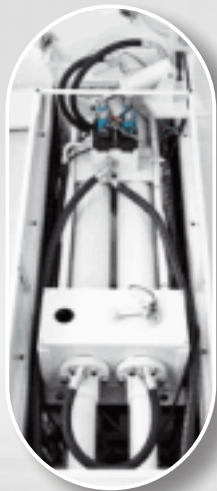
WATER RESERVOIR

Keeping the equipment always clean is the first step towards a smooth operation and durability. For this reason, the water tank of EVOMAQ® pump has a powerful pressurization, facilitating the cleaning of the equipment and its conservation.



PUMPING SYSTEM

The improvement of the pumping system allows a significant reduction in the number of components, boosting productivity and avoiding possible maintenance costs.



POWER TAKE-OFF

Similar to equipment for civil construction, such as concrete mixers and boom pumps, EVOMAQ equipment was designed to take advantage of the truck's engine, offering reliability and durability without compromising its efficiency even in extreme situations, allowing a reduction in the final cost of the investment.



ENGINE POWER SUPPLY (AUXILIAR)

The hydraulic pump can also be powered with a potent MWM engine, designed to provide strength and performance.



HOPPER

The rounded hopper design facilitates cleaning, in addition to directing concrete more easily to the transport liners, increasing pumping efficiency. The hopper cleaning valve is also noteworthy, with an exclusive lever system that allows it to be opened from the side of the equipment, making cleaning and conservation even easier.



CONTROL PANEL

The EVOMAQ® pump's electrical system stands out for the simplicity of its design, facilitating the operation and eliminating relays and timers, by using a limit switch. As a result, a reduction in maintenance costs is achieved again.



HYDRAULIC MIXER

Our equipment features a robust hydraulic mixer, ensuring consistent mortar flow between successive loads of concrete.



TECHNICAL SPECIFICATIONS

MODELS	1560 STATIONARY	1560 POWER TAKE OFF	1570 PISTON SIDE	1570 ROD SIDE	1580 TRANSFER CASE
Theoretical maximum efficiency (m³/h)	51	51**	60	85	90**
Cycles per minute	22	20**	19	32	17**
Maximum pressure on theoretical concrete (bar)	80	80	108	60	80
Cylinder diameter (mm)	90/63	90/63	110/63	110/63	110/80
Maximum aggregate size (mm)	25	25	25	25	25
Cylinder stroke (mm)	1400	1400	1400	1400	2000
Transport liners diameter	180	180	200	200	200
Engine power (hp)	152	-	215	215	-
MWM engine	4.12TCA	-	6.10TCA	6.10TCA	-
Concrete volume per stroke (liters)	35,62	35,62	43,98	43,98	62,83
Bypass tube type	"S"	"S"	"S"	"S"	"S"
Water tank volume (liters)	500	500	500	500	500
Horizontal pumping distance	350	350	500	350	650
Vertical pumping distance	100	100	120	80	156
Weight with PTO	-	2.660	-	-	-
Weight with auxiliary engine	3.110	-	5.220	5.220	-
Diesel tank capacity (liters)	150	-	150	150	-
Weight with transfer case	-	-	-	-	4.000

* The volume, horizontal distance and vertical distance cannot be achieved simultaneously. To achieve the maximum capacities contained in this catalogue, the transport piping, concrete mix, minimum slump, aggregate size and pumping conditions must be taken into account.
**Depends on the truck /power take-off/transmission



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COUNTRY

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FLIGHT AUGER (CFA)



BORED PILE DRILLS EVOMAQ®