6RZ65



MADE IN ITALY

PLACING BOOM:
OPENING SYSTEM "RZ"

PUMPING UNIT:
UP TO 195 m³/h

TOTAL WEIGHT:
< 52 t (114640 lb) on vehicle 5 axles
< 53 t (116845 lb) on vehicle 6 axles

ASSEMBLY ON VEHICLE 5 AXLES:
WB 6,350 mm
(20'9")

ASSEMBLY ON VEHICLE 6 AXLES:
WB 6,750 mm
(22'1")

TECHNICAL CHARACTERISTICS

- Concrete pump produced, assembled and tested by SERMAC
- Structural integrity verified with the Finite Element Method (FEM)
- Pump frame designed for high torsion rigidity
- Suitable for assembly on 5- or 6-axle trucks
- Boom 6-stage, RZ-folding type
- Pipeline diameter 125 mm (5")
- Main components sourced from genuine German and Italian manufacturers
- Pumping unit with open hydraulic system and high manganese cast iron S-valve
- Total length < 15,5 meters (50'10")

TRUCK MOUNTED PUMPS

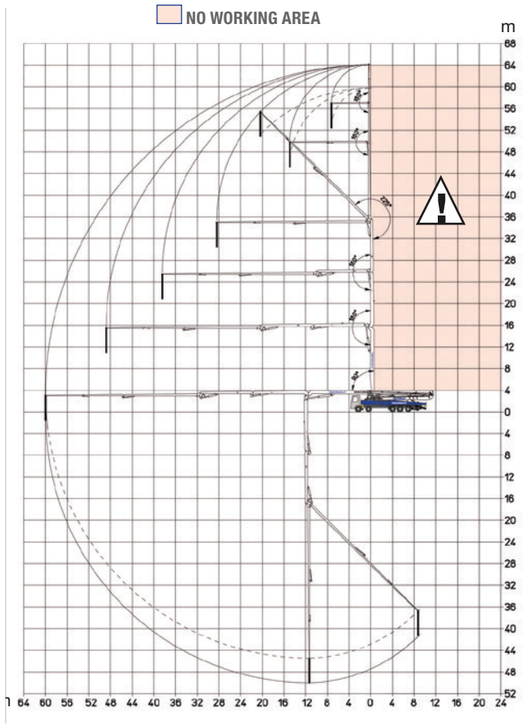
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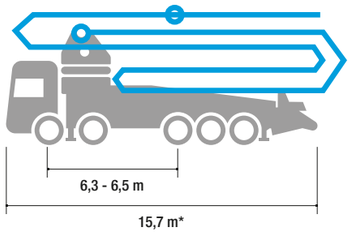


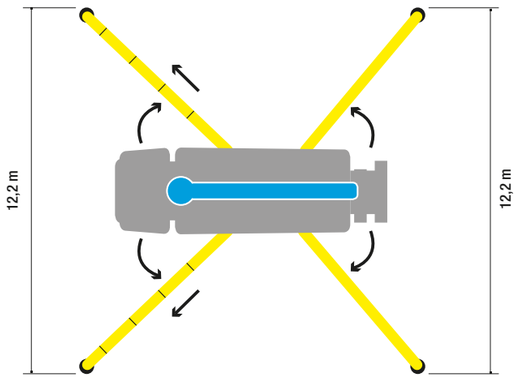












*Dimensions variable according to the truck assembly

DISTRIBUTION BOOMS

MAX. VERTICAL REACH	64,35 m (211'1")
MAX. HORIZONTAL REACH	60,35 m (197'11")
MAX. DOWNWARD REACH	-50 m (-164')
SECTION NUMBER	6
PIPELINE	125 mm (5")
ROTATING ANGLE	370°
SECTION OPENING ANGLES	90° - 180° - 180° 225° - 210° - 90°
OPENING SYSTEM	RZ
FRONT OUTRIGGERS	Telescopic "X"
REAR OUTRIGGERS	Swing-out
FRONT OPENING	12,2 m (40')
REAR OPENING	12,2 m (40')

STANDARD EQUIPMENT

- X orientable -type front outriggers and swing-out type rear outriggers
- Straight pipes made in twin-wall with highly abrasion resistant induction hardened inner liner. Elbows made in twin-wall with chromium carbide inner liner
- Two sets of radio remote controls provided with 2-speed proportional boom control, automatic free frequency search, 8-position joysticks and concrete output control
- Wear compensation system between wear plate and wear ring. Wear plate and wear ring with tungsten carbide inserts
- Automatic hopper greasing unit with manual back-up system
- Automatic oil lubrication for piston rams
- Safety device on hopper door and hopper grate
- Electric vibrator on hopper grate
- Hydraulic powered diaphragm water pump (75 l/min - 30 bar)
- Water tank capacity 500 l
- Work light on hopper
- Metal bin for accessories beside hopper
- Warning horn on the boom
- Accessories for cleaning and maintenance

PUMPING UNIT

	S8	G9			
	AS8L09-150-76	AG9L09-100-85	AG9L10-158-80	AG9L10-194-80	AG9X10-195-85
THEORICAL OUTPUT (MAX)* ROD SIDE	150 m³/h - 196 yd³/h	-	-	-	-
THEORICAL OUTPUT (MAX)* PISTON SIDE	-	100 m³/h - 130 yd³/h	158 m³/h - 206 yd³/h	194 m³/h - 253 yd³/h	195 m³/h - 255 yd³/h
PRESSURE ON CONCRETE (MAX)* ROD SIDE	76 bar - 1102 psi	-	-	-	-
PRESSURE ON CONCRETE (MAX)* PISTON SIDE	-	85 bar - 1232 psi	80 bar - 1160 psi	80 bar - 1160 psi	85 bar - 1232 psi
NUMBERS OF CYCLES PER MINUTES	30 '/min	20 '/min	27 '/min	33 '/min	28 '/min
PISTONS DIAMETER	230 mm	230 mm	250 mm	250 mm	250 mm
CONCRETE CYLINDERS	2000 mm	2000 mm	2000 mm	2000 mm	2400 mm
S-VALVE DIMENSION	8"	9"	9"	9"	9"
CONCRETE HOPPER CAPACITY	600 l	650 l	650 l	650 l	650 l

*Cannot be reached simultaneously



ACCESSORIES ON REQUEST

- Additional work light on hopper
- Air compressor for pipeline cleaning (850 l/min)
- Aluminium hopper cover
- Air charged sprayer for concrete release agent (25 l - 8 bar)
- Automatic release of end hose
- Automatic boom greasing system
- Pressure washer with fan-shaped nozzle (17 l/min - 130 bar)
- Stop flow on end hose
- Multi-stage water pump (230 l/min - 40 bar)
- Pipe storage
- Rear camera
- Sermac Control Stability (SCS)



TRUCK MOUNTED PUMPS

12 different pump models with modern front X-type outriggers and provided with booms with different fold configurations from 20m to 65m vertical reach.



MIXER PUMPS

4 models with Z-fold distribution booms from 21m to 33m vertical reach.



TRAILER PUMPS

7 different models in the combined 6” and 8” Series available in high- and low pressure models.



STATIONARY BOOMS

2 stationary boom models with 28m and 33m reach.

SERMAC Srl

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Exclusive rights SERMAC S.r.l.: the general catalogue shows models, configuration possibilities (standard and options), technical details with reserve of modification for machines for transport and pumping of concrete, manufactured and distributed by SERMAC S.r.l. The catalogue is meant for general information purposes only and the information it contains shall not be deemed a contractually binding document.