5RZ51



MADE IN ITALY

PLACING BOOM:
OPENING SYSTEM "RZ"

PUMPING UNIT:
UP TO 200 m³/h

TOTAL WEIGHT:
< 37 t (81571 lb) on vehicle 4 axles
< 38 t (83775 lb) on vehicle 5 axles

ASSEMBLY ON VEHICLE 4 AXLES:
WB 5,750 – 6,350 mm
(18'86" - 20'8")

ASSEMBLY ON VEHICLE 5 AXLES:
WB 4,850 – 4,900 mm
(15'9" - 16'1")

TECHNICAL CHARACTERISTICS



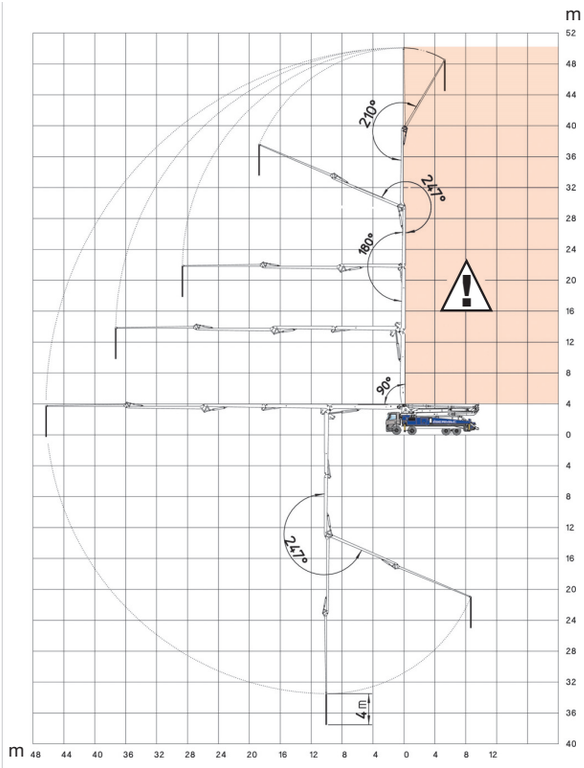
- Concrete pump designed and made by SERMAC
- Structural analyses with Finite Element Method (FEM)
- Pump frame designed for high torsion rigidity
- Suitable for assembly on 4 axle trucks
- Boom 5-stage, RZ-folding type
- Pipeline Ø 125 mm (5")
- Main components sourced from genuine European manufacturers
- Pumping unit with open hydraulic system
- Concrete S-valve Ø 9"
- Total length < 12 meters (39'4")

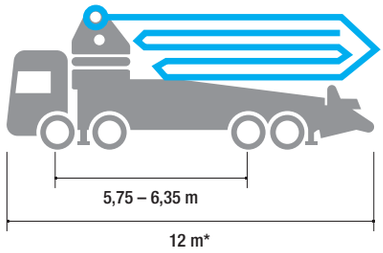
TRUCK MOUNTED PUMPS

5RZ51

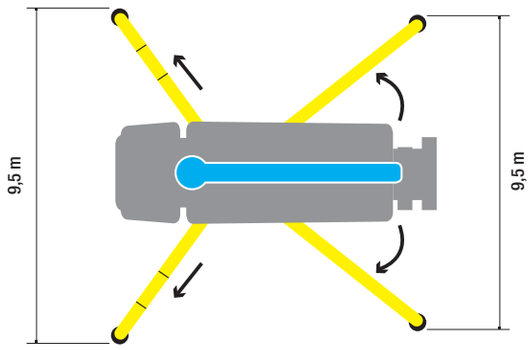


NO WORKING AREA





*Dimensions varying according to truck assembly





PUMPING UNIT G9

	AG9L10-170-80	AG9L10-200-80
THEORICAL OUTPUT (MAX)* PISTON SIDE	170 m³/h - 222 yd³/h	200 m³/h - 261 yd³/h
PRESSURE ON CONCRETE (MAX)* PISTON SIDE	80 bar	80 bar
NUMBERS OF CYCLES PER MINUTES	29 '/min	34 '/min
PISTONS DIAMETER	250 mm	250 mm
CONCRETE CYLINDERS	2000 mm	2000 mm
S-VALVE DIMENSION	9"	9"
CONCRETE HOPPER CAPACITY	650 l	650 l

*Cannot be reached simultaneously





DISTRIBUTION BOOMS

MAX. VERTICAL REACH	50,1 m (164'4")
MAX. HORIZONTAL REACH	46,3 m (151'10")
MAX. DOWNWARD REACH	-37,5 m (123')
NUMBER OF BOOM SECTIONS	5
MIN. UNFOLDING HEIGHT	10,75 m (35'3")
BOOM ROTATION	370°
BOOM SECTION ARTICULATION	90° - 180° - 180° - 247° - 210°
BOOM UNFOLDING SYSTEM	RZ
FRONT OUTRIGGERS	X-type
REAR OUTRIGGERS	Swing-out
FRONT OUTRIGGER SPAN	9,5 m (31'2")
REAR OUTRIGGER SPAN	9,5 m (31'2")
RUBBER END HOSE LENGHT	4 m

STANDARD EQUIPMENT

- Driven by PTO or gear box
- Concrete pipeline made in twin-wall with chromium carbide inserts
- Boom control by proportional distributor "Load Sensing"
- Two sets of radio remote controls provided with 2-speed proportional boom control
- High strength wear parts (S valve, wear plate, compensation ring)
- Automatic hopper greasing unit and manual back-up system
- Safety device on hopper door and hopper grate
- Remote controlled electric vibrator on hopper grate
- Aluminium hopper cover
- Water pump (70 l/min, 30 bar)
- Water tank capacity 900 l
- Lights for hopper lighting, LED
- Working lights, LED
- Metal bin for accessories beside hopper
- Warning horn
- Accessories for cleaning and maintenance
- Declaration of conformity (user and maintenance manual)

ELECTRONIC STABILITY CONTROL SYSTEM

- Sermac Control Stability (SCS - Basic)



ACCESSORIES ON REQUEST

- Air charged sprayer for concrete release agent (25 l, 8 bar)
- Air compressor for pipeline cleaning (850 l/min)
- Automatic boom greasing system
- Automatic release of rubber end hose
- Closing boom safety sensor
- Pipes and rubber end hose holder
- Pressure washer with fan-shaped nozzle (17 l/min, 130 bar)
- Proportional radio control with display
- Stop-flow concrete valve

ELECTRONIC STABILITY CONTROL SYSTEM

- Sermac Control Stability (SCS - Advanced)

More information:
sermacpumps.com

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