

# TWINSTAR 4Z28



MADE IN ITALY

PLACING BOOM:  
**OPENING SYSTEM "Z"**

PUMPING UNIT:  
**UP TO 80 m³/h**

TOTAL WEIGHT:  
**< 22 t (48501 lb) on vehicle 4 axles**

ASSEMBLY ON VEHICLE 4 AXLES:  
**WB 4,250 – 4,550 mm  
(13'11" – 14'11")**

## TECHNICAL CHARACTERISTICS

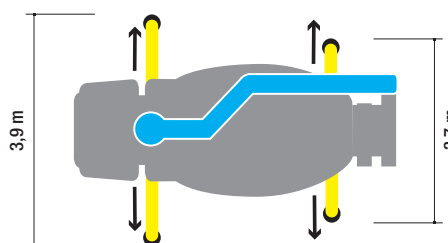
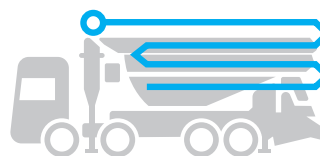
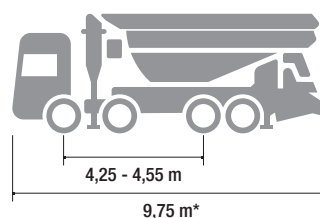
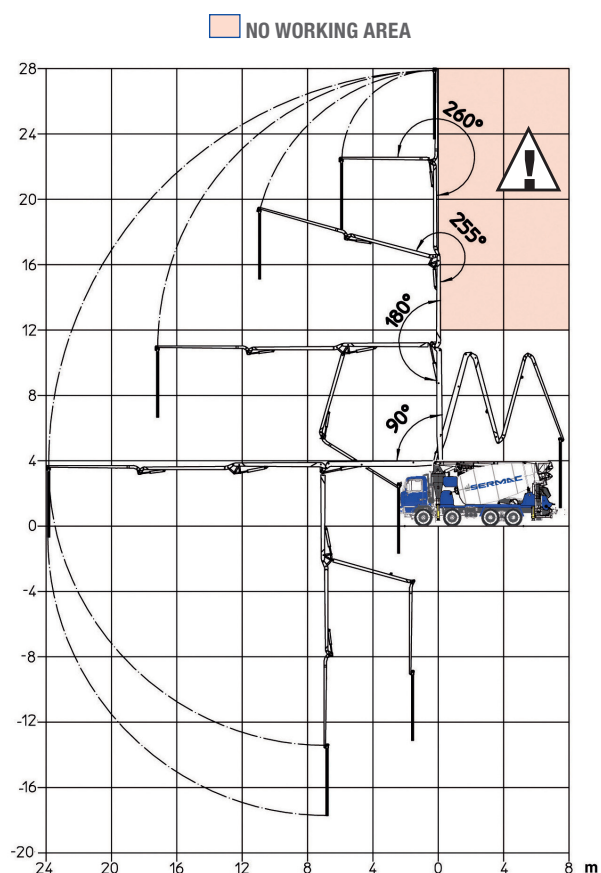


- Mixer pump designed and made by SERMAC
- Structural analyses with Finite Element Method (FEM)
- Pump frame designed for high torsion rigidity
- Suitable for assembly on 4-axle trucks
- Boom 4-stage, Z-folding type
- Pipeline Ø 100 mm (4")
- Main components sourced from genuine European manufacturers
- Pumping unit with open hydraulic system
- Concrete S-valve Ø 6" (S6) - Ø 7" (G7)
- Drum with high load capacity
- Ideal for working in tight spaces





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\*Dimensions variable according to the truck assembly

## PUMPING UNIT

	S6	G7
	BS6C07-73-70	BG7C08-80-80
THEORICAL OUTPUT (MAX)* PISTON SIDE	73 m <sup>3</sup> /h - 95 yd <sup>3</sup> /h	-
THEORICAL OUTPUT (MAX)* PISTON SIDE	-	80 m <sup>3</sup> /h - 122 yd <sup>3</sup> /h
PRESSURE ON CONCRETE (MAX)* ROD SIDE	70 bar - 1015 psi	-
PRESSURE ON CONCRETE (MAX)* PISTON SIDE	-	80 bar - 1160 psi
NUMBERS OF CYCLES PER MINUTES	48'/min	42'/min
PISTONS DIAMETER	180 mm	200 mm
CONCRETE CYLINDERS	1000 mm	1000 mm
S-VALVE DIMENSION	6"	7"
CONCRETE HOPPER CAPACITY	450 l	500 l

\*Cannot be reached simultaneously

## MIXER

	DATA
NOMINAL CAPACITY	8,5 m <sup>3</sup>
GEOMETRICAL DRUM VOLUME	14 m <sup>3</sup>
NUMBER OF RPM	0 - 16
WATER TANK CAPACITY	800 l
LITER-COUNTER	0-500 l



## DISTRIBUTION BOOMS

MAX. VERTICAL REACH	28,1 m (92'2")
MAX. HORIZONTAL REACH	24,1 m (79')
MAX. DOWNWARD REACH	- 18 m (59')
NUMBER OF BOOM SECTIONS	4
MIN. UNFOLDING HEIGHT	6,35 m (20'9")
BOOM ROTATION	370°
BOOM SECTION ARTICULATION	90° - 180° - 255° - 260°
BOOM UNFOLDING SYSTEM	Z
FRONT OUTRIGGERS	Horizontal
REAR OUTRIGGERS	Horizontal
FRONT OUTRIGGER SPAN	3,9 m (12'9")
REAR OUTRIGGER SPAN	3,7 m (12'2")
RUBBER END HOSE LENGHT	3,5 m

## STANDARD EQUIPMENT

- Concrete pipeline made in single-wall steel
- 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
- Water pump (230 l/min - 13 bar)
- Light for hopper lighting, 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

- Concrete pipeline made in twin-wall with chromium carbide inserts
- Stop-flow concrete valve
- Pressure washer with fan-shaped nozzle (17 l/min, 130 bar)
- Overturning chute
- Kit pipeline pumping on ground
- Ecologic plug
- Closing boom safety sensor
- Air compressor for pipeline cleaning (450 l/min)
- Air charged sprayer for concrete release agent (25 l, 8 bar)
- Additional work light on hopper
- Additional outlet chute

## ELECTRONIC STABILITY CONTROL SYSTEM

- Sermac Control Stability (SCS - Advanced)





More information:  
**[sermacpumps.com](http://sermacpumps.com)**

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