

# TWINSTAR 4Z33 SUPERLIGHT



MADE IN ITALY

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

PUMPING UNIT:  
**UP TO 80 m<sup>3</sup>/h**

TOTAL WEIGHT:  
**< 25 t on vehicle 4 axles**

ASSEMBLY ON VEHICLE 4 AXLES:  
**WB 4,250 – 4,550 mm**

## 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 125 mm (5")
- Main components sourced from genuine European manufacturers
- Pumping unit with open hydraulic system
- Concrete S-valve Ø 7"
- Drum with high load capacity
- Ideal for working in tight spaces

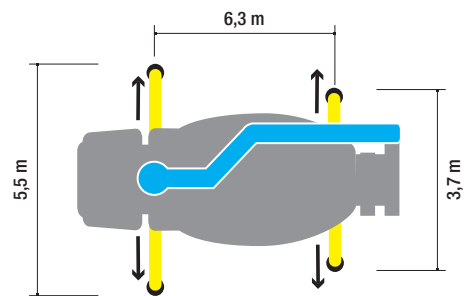
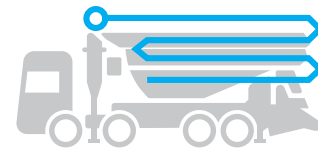
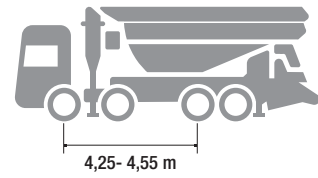
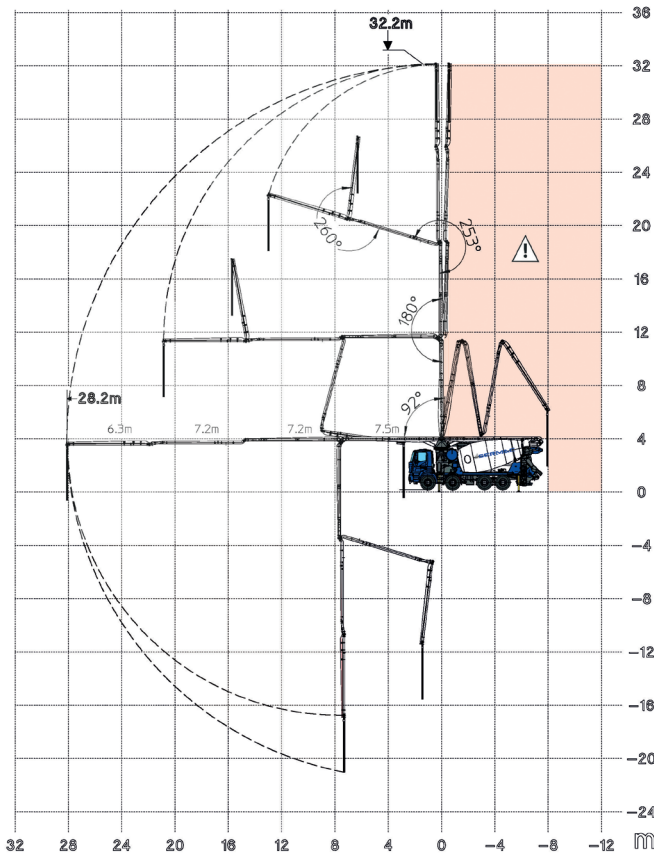




**TWINSTAR**  
**4Z33**  
**SUPERLIGHT**



NO WORKING AREA



\*Dimensions variable according to the truck assembly

PUMPING UNIT	
	BG7C08-80-80
THEORICAL OUTPUT (MAX)*	80 m <sup>3</sup> /h
PRESSURE ON CONCRETE (MAX)*	80 bar
NUMBERS OF CYCLES PER MINUTES	42'/min
PISTONS DIAMETER	200 mm
CONCRETE CYLINDERS	1000 mm
S-VALVE DIMENSION	7"
CONCRETE HOPPER CAPACITY	500 l

MIXER	
	DATA
NOMINAL CAPACITY	9 m <sup>3</sup>
GEOMETRICAL DRUM VOLUME	14 m <sup>3</sup>
NUMBER OF RPM	0 - 16
WATER TANK CAPACITY	650 l
LITER-COUNTER	0-500 l

\*Cannot be reached simultaneously



## DISTRIBUTION BOOMS

MAX. VERTICAL REACH	32,2 m
MAX. HORIZONTAL REACH	28,2 m
MAX. DOWNWARD REACH	- 22 m
NUMBER OF BOOM SECTIONS	4
MIN. UNFOLDING HEIGHT	7,4 m
BOOM ROTATION	370°
BOOM SECTION ARTICULATION	90° - 180° - 255° - 260°
BOOM UNFOLDING SYSTEM	Z
FRONT OUTRIGGERS	Horizontal
REAR OUTRIGGERS	Horizontal
FRONT OUTRIGGER SPAN	5,5 m
REAR OUTRIGGER SPAN	3,7 m
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)
- Lights 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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