

TWINSTAR 3Z24



MADE IN ITALY

PLACING BOOM:
OPENING SYSTEM "Z"

PUMPING UNIT:
UP TO 73 m³/h

TOTAL WEIGHT:
< 19 t (41887 lb) on vehicle 3 axles
< 20 t (44092 lb) on vehicle 4 axles

ASSEMBLY ON VEHICLE 3 AXLES:
WB 3,500 mm
(11'4")

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

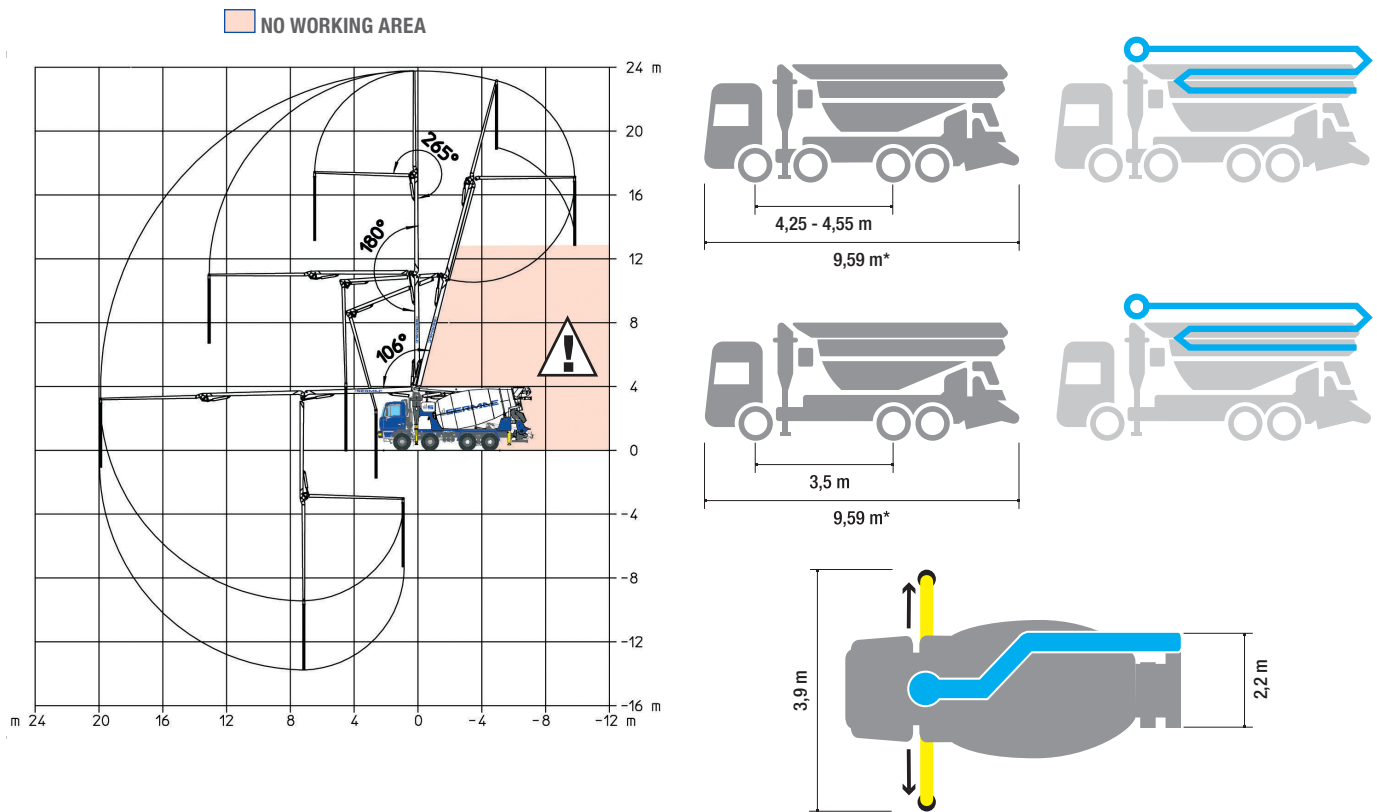
TECHNICAL CHARACTERISTICS



- 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 3 or 4 axle trucks
- Boom 3-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"
- Drum with high load capacity
- Ideal for working in tight spaces



TWINSTAR 3724



*Dimensions variable according to the truck assembly

PUMPING UNIT	
	BS6C07-73-70
THEORETICAL OUTPUT (MAX)* ROD SIDE	73 m ³ /h - 95 yd ³ /h
PRESSURE ON CONCRETE (MAX)* ROD SIDE	70 bar - 1015 psi
NUMBERS OF CYCLES PER MINUTES	48'/min
PISTONS DIAMETER	180 mm
CONCRETE CYLINDERS	1000 mm
S-VALVE DIMENSION	6"
CONCRETE HOPPER CAPACITY	450 l

MIXER	
	DATA
NOMINAL CAPACITY	7 m ³
GEOMETRICAL DRUM VOLUME	12 m ³
NUMBER OF RPM	0 - 16
WATER TANK CAPACITY	800 l
LITER-COUNTER	0-500 l

*Cannot be reached simultaneously



DISTRIBUTION BOOMS

MAX. VERTICAL REACH	24 m (78'8")
MAX. HORIZONTAL REACH	20 m (65'7")
MAX. DOWNWARD REACH	-13,7 m (44'11")
NUMBER OF BOOM SECTIONS	3
MIN. UNFOLDING HEIGHT	6,9 m (22'7")
BOOM ROTATION	370°
BOOM SECTION ARTICULATION	106° - 180° - 265°
BOOM UNFOLDING SYSTEM	Z
FRONT OUTRIGGERS	Horizontal
REAR OUTRIGGERS	Fixed
FRONT OUTRIGGER SPAN	3,9 m (12'9")
REAR OUTRIGGER SPAN	2,2 m (7'2")
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 (60 l/min - 30 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

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SERMAC Srl

Headquarter: Via A. Manzoni, 146 - 20811 Cesano Maderno, (MB) Italy
Tel. +39 0362 364 320 - Fax +39 0362 163 2000
info@sermacpumps.com

