

**SANY**

# **TRUCK-MOUNTED CONCRETE PUMPS**

A large, articulated concrete pump boom extends from the left side of the frame towards the top right. The boom is composed of several sections connected by hydraulic joints and is set against a background of rugged, mountainous terrain under a clear sky. The overall image is in grayscale, except for the red SANY logo and the red bar at the bottom.

**PRODUCT GUIDE**

## EFFICIENCY IN YOUR FLEET

The SANY boom pumps, fully supported by Putzmeister America, combine automotive grade manufacturing with Putzmeister's industry-leading Sales, Parts, and Service teams.

**Toll-Free Hotline:** 1-800-890-0269

**Parts & Service:** 1-800-884-7210

## FEATURES EXPLAINED

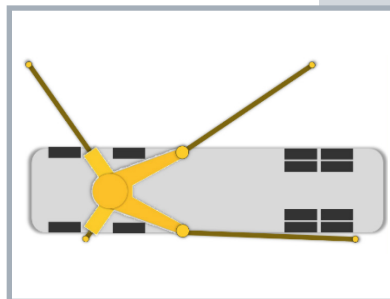
**THE NEW SYSD 11" TOUCH DISPLAY:** SYSD Touch Display makes operation more user-friendly and allows users to quickly conduct diagnostics. The SYSD provides inputs/outputs, bypasses and fault codes to troubleshoot and get your pump operational.

**ROD SIDE PISTON SIDE SWITCH (SBU):** Logic boxes on the pump allow the operator to switch from low to high-pressure pumping with just a switch. High-low pressure changeover switch is located on the back panel.

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**AUTOMATIC OSS:** SYMC automatically estimates boom rotation area according to pump mode, outriggers, and stabilization feedback.

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## STANDARD EQUIPMENT

- 158 gal water tank
- Water pump 30 gal/min (105 psi)
- Twin wall delivery line — DN 125, 5.5"
- 3 m end hose — DN 125, 5.5"
- Concrete hopper with agitator
- Central lubrication hopper, hydraulically
- Hard metal wear parts kit
- Hopper grate agitator safety switch
- Hopper work light
- Side marker lamps
- Chrome-lined material cylinder
- SANY SYLD user interface display
- SANY SYMC control system
- Radio remote control, proportional
- 2nd remote control transmitter incl. 30 m cable
- Boom pedestal (X-type outrigger and swing-out legs)
- OSS one-side support (assistance device)
- 4x outrigger pads
- Horn hopper activated via remote
- Rear step handrail
- Boom-mounted horn (manual)
- Boom not in cradle warning device
- US road approval KIT
- 12V/24V converter
- Aluminum decking
- Left and right side rear steps
- Plastic hopper cover, foldable
- Hopper grate vibrator (remote control)

Machine	SY32	SY37*	SY39	SY47	SY56	SY68
Length	38' 5" (11.7 m)	37' 5" (11.4 m)	40' (12.2 m)	45' 0" (13.7 m)	48' 0" (14.6 m)	55' 1" (16.8 m)
Width	8' 6" (2.6 m)	8' 6" (2.6 m)	8' 6" (2.6 m)	8' 6" (2.6 m)	8' 6" (2.6 m)	8' 6" (2.6 m)
Height	12' 10" (3.9 m)	12' 6" (3.8 m)	12' 10" (3.9 m)	13' 1" (4.0 m)	13' 5" (4.1 m)	13' 5" (4.1 m)
Weight	52,320 lbs (23,732 kg)	57,121 lbs (25,910 kg)	58,248 lbs (26,421 kg)	79,460 lbs (36,043 kg)	102,960 lbs (46,702 kg)	129,458 lbs (58,722 kg)

RZ Folding Boom	SY32	SY37*	SY39	SY47	SY56	SY68
Boom Rotation	± 360			± 360		
Boom Arms	5	5	5	5	6	6
Vertical Reach	103' 8" (31.6 m)	119' 9" (36.5 m)	125' 0" (38.1 m)	154' 2" (47 m)	183' 7" (56 m)	220' 10" (67.3 m)
Horizontal Reach	88' 3" (26.9 m)	104' 4" (31.8 m)	109' 7" (33.4 m)	137' 10" (42 m)	167' 3" (51 m)	204' 1" (62.2 m)
Unfolding Height	18' 4" (5.6 m)	24' 7" (7.5 m)	30' 2" (9.2 m)	45' 7" (13.9 m)	49' 10" (15.2 m)	48' 7" (14.8 m)

Length						
1st Section	24' 11" (7.6 m)	24' 9" (7.6 m)	24' 7" (7.5 m)	32' 0" (9.8 m)	37' 4" (11.4 m)	43' 1" (13.1 m)
2nd Section	15' 9" (4.8 m)	19' 9" (6.0 m)	19' 3" (5.9 m)	25' 2" (7.7 m)	30' 3" (9.2 m)	31' 7" (9.6 m)
3rd Section	16' 5" (5.0 m)	19' 2" (5.8 m)	19' 6" (5.9 m)	24' 3" (7.4 m)	28' 9" (8.8 m)	29' 8" (9.1 m)
4th Section	16' 5" (5.0 m)	21' 10" (6.7 m)	23' 11" (7.3 m)	31' 9" (9.6 m)	36' 4" (11.1 m)	37' 10" (11.5 m)
5th Section	16' 5" (5.0 m)	20' 10" (6.4 m)	24' 8" (7.5 m)	28' 0" (8.6 m)	26' 6" (8.1 m)	39' 3" (12.0 m)
6th Section	-	-	-	-	11' 0" (3.4 m)	26' 6" (8.1 m)

Rotation						
1st Section	90°	89°	89°	89°	89°	89°
2nd Section	180°	180°	180°	180°	180°	180°
3rd Section	240°	180°	180°	180°	180°	180°
4th Section	180°	230°	230°	235°	240°	225°
5th Section	250°	180°	180°	215°	210°	180°
6th Section	-	-	-	-	110°	180°

Outriggers		SY32	SY37*	SY39	SY47	SY56	SY68
Type		X - H Extension	X Extension / Swing Out	X Extension / Swing Out	X Extension / Swing Out	X Extension / Swing Out	X Extension / Swing Out
Outrigger Spread	Front	20' 4" (6.2 m)	20' (6.1 m)	20' (6.1 m)	28' 3" (8.6 m)	31' 1" (9.5 m)	40' 4" (12.3 m)
	Rear	13' 1" (4 m)	23' 7" (7.2 m)	24' 3" (7.4 m)	29' 6" (9.0 m)	35' 5" (10.8 m)	44' 3" (13.5 m)
OSS		Yes	Yes	Yes	Yes	Yes	Yes

Pump			
SANY PCU Model			SY-165 SY-200
Main Oil Pump			Rexroth Rexroth
Hydraulic System Configuration			Open Loop Open Loop
Hydraulic System Pressure			4641 psi (320 bar) 4641 psi (320 bar)
Output	Rod Side		214 yd <sup>3</sup> /hr (164 m <sup>3</sup> /hr) 260 yd <sup>3</sup> /hr (200 m <sup>3</sup> /hr)
	Piston Side		126 yd <sup>3</sup> /hr (96 m <sup>3</sup> /hr) 180 yd <sup>3</sup> /hr (137 m <sup>3</sup> /hr)
Pressure	Rod Side		1009 psi (70 bar) 1201 psi (83 bar)
	Piston Side		1719 psi (119 bar) 1757 psi (120 bar)
Strokes / min	Rod Side		35 33
	Piston Side		20 23
Delivery Cylinder Diameter			9" 10.2"
Stroke Length			74.8" 74.8"

Hopper		
All	Height	55"
	Capacity	159 gal

<sup>†</sup> Technical data is based on standard chassis selection and configuration (SY32, SY37, SY39 = Mack Granite GR64BR MP7 mDrive SY47 = Mack Granite GR86BR MP7 mDrive SY56 = Mack Terrapro TE126R MP8 mDrive SY68 = Mack 146R/278.5" S-LSSA)  
\* Not available in North America

# SUPPORTING YOUR FLEET IN EVERY WAY

When you're putting together a concrete pumping fleet, it's important to work with a company that's with you every step of the way. Rest assured that when you purchase a SANY unit through Putzmeister America, Inc. you have the full backing of our company.



## Supporting you 24/7

- **Customer Support and Service:** In addition to 24/7 technical support, Putzmeister has experienced Field Service Technicians available for Boom Pump start-ups.
- **Warranty Coverage:** Putzmeister warrants SANY Concrete Pumps for 12 months or 2,000 hours (whichever occurs first) after the delivery to the initial purchaser.
- **Parts and Accessories:** Customers can also purchase parts through Putzmeister America. Our in-stock inventory includes more than 20,000 parts.
- **Quality and Support:** From questions you may have before your purchase to technical expertise you need right on the job site, you're never alone with Putzmeister. Choose Putzmeister and you get more than equipment. You have a promise of performance.

Chicago, IL



Madison, WI



Salt Lake City, UT



# SANY



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