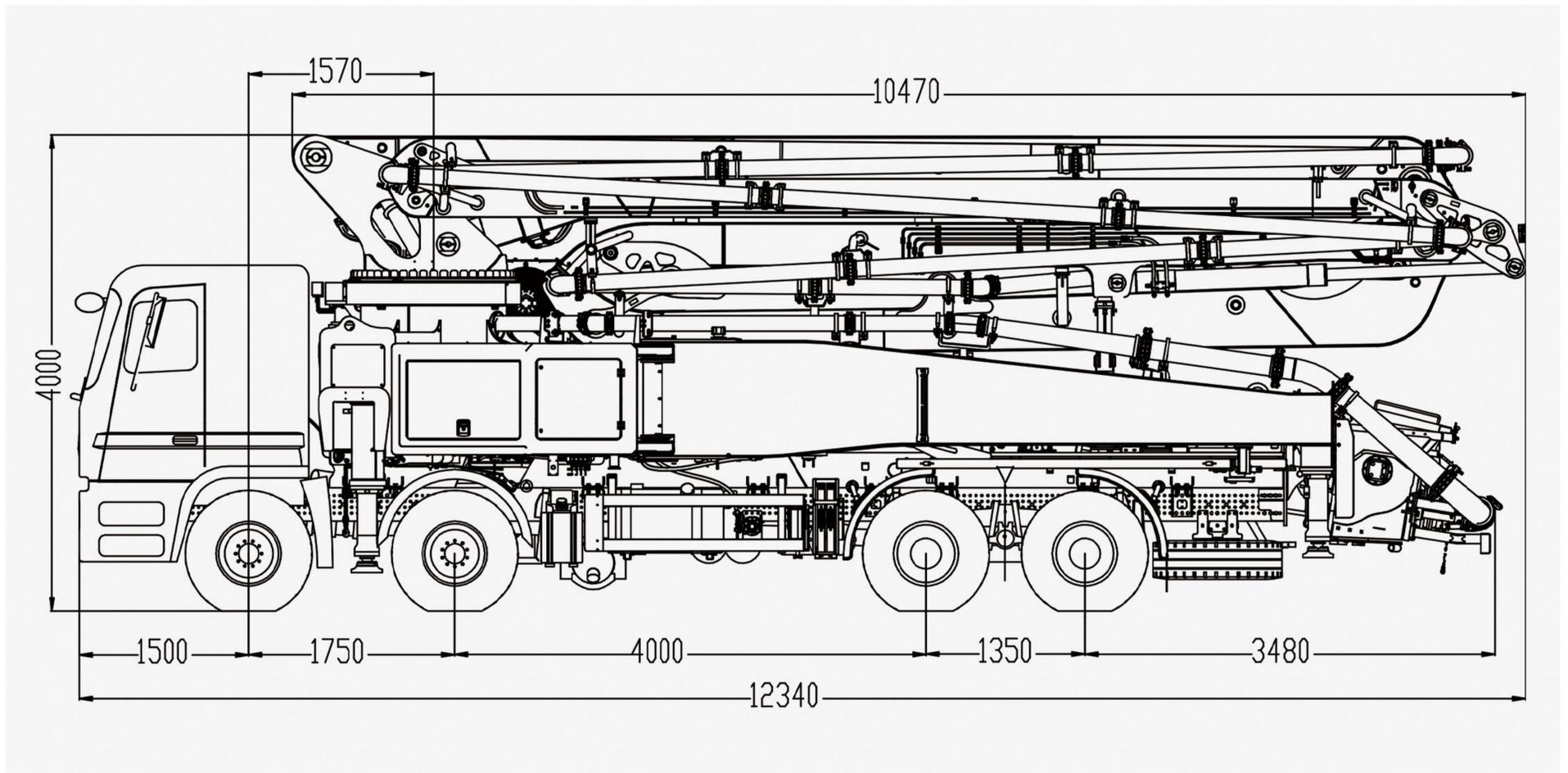


# HB47V

TRUCK-MOUNTED CONCRETE PUMP  
MANUFACTURED BY XCMG SCHWING



Note: Dimensions and weights depend on truck and equipment. Dimensions in mm.

## Technical Data

### Pump

Concrete output max.	m <sup>3</sup> /h	170
Pressure on concrete max.	MPa	10.2
Maximum aggregate diameter	mm	40
Concrete cylinder diameter/stroke	mm	260/2000
Strokes	1/min.	25~27
Concrete valve		Rock valve
Hydraulic system type		Open

### Support

Full support	Outrigger width,front	mm	8300
	Outrigger width,rear	mm	9820
	Outrigger width,side	mm	9140
One-side support	Outrigger width,front	mm	5270
	Outrigger width,rear	mm	6190
Load	Outrigger load,front	kN	230
	Outrigger load,rear	kN	230

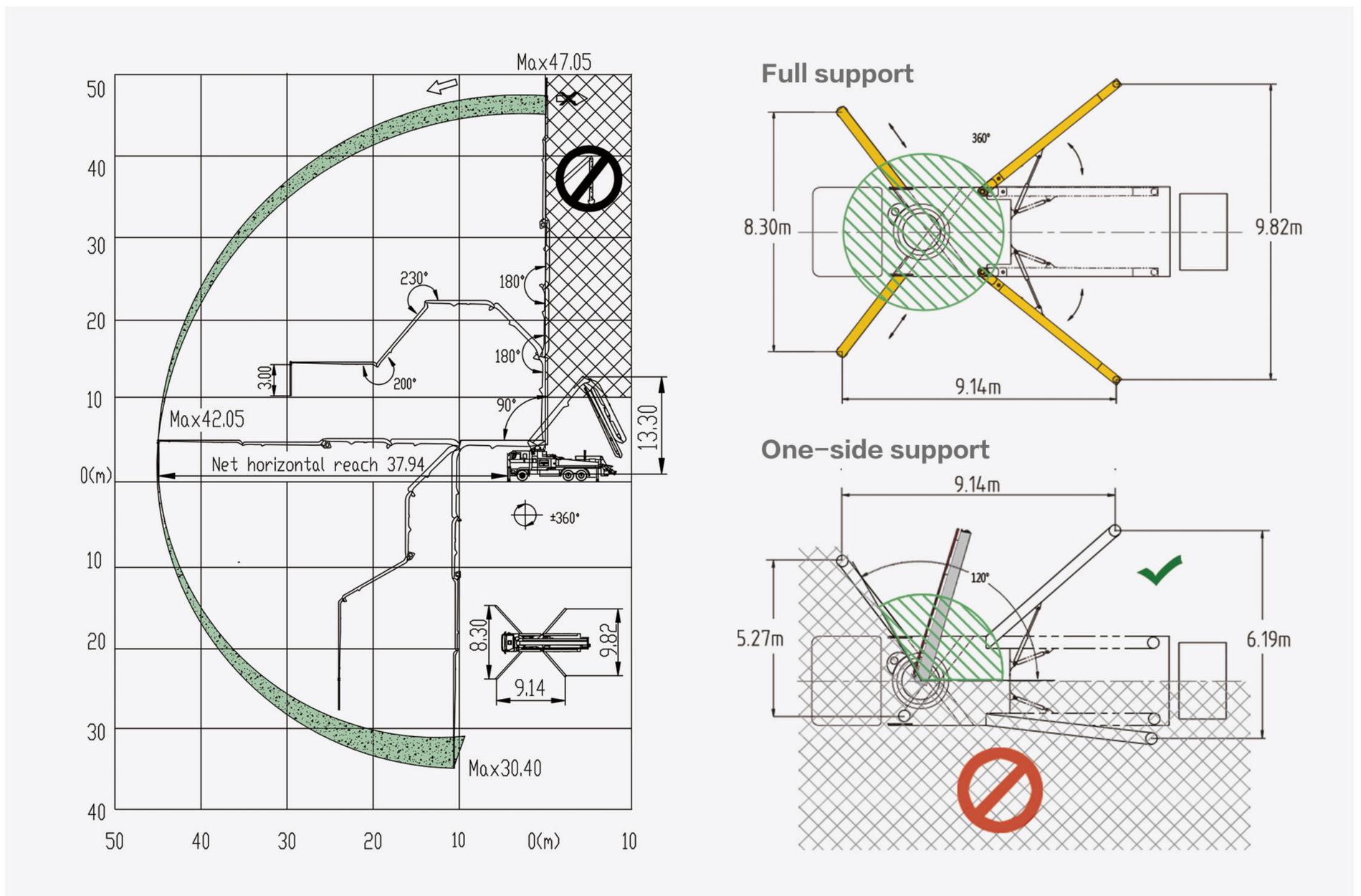
Note:All data maximum theoretical

### Boom

Reach height	m	47.05
Horizontal reach	m	42.05
Net horizontal reach	m	37.94
Reach depth	m	30.40
Slewing range	°	± 360
Diameter of delivery pipe	mm	125
Unfolding height	m	13.30
Quantity and folding type		5RZ
Length of end hose	m	3.00
1 <sup>st</sup> section unfolding angle	°	90
2 <sup>nd</sup> section unfolding angle	°	180
3 <sup>rd</sup> section unfolding angle	°	180
4 <sup>th</sup> section unfolding angle	°	230
5 <sup>th</sup> section unfolding angle	°	200
1 <sup>st</sup> section length	mm	9630
2 <sup>nd</sup> section length	mm	7590
3 <sup>rd</sup> section length	mm	7660
4 <sup>th</sup> section length	mm	9085
5 <sup>th</sup> section length	mm	9094



## Working Range



## Configuration Features

### Overall Structure

- 5RZ bionic folding boom
- NDT of boom critical weld seam
- Large rigid hollow turret
- Two-level X-shaped telescoping outrigger
- Pass-through delivery pipe support

### Pumping System

- Rock valve pumping technology
- Electric control reversing
- Central pump elastic suspension
- Automatic wear ring compensation
- Piston one-key return

### Hydraulic System

- SCHWING main valve
- Open hydraulic system
- Large displacement hydraulic control cooling system
- Integrated hydraulic control system
- Full-flow hydraulic oil filtration

### Delivery System

- Streamline pipe arrangement
- Anti-caking hopper
- Large diameter climbing pipe
- Large and medium-sized delivery pipe elbow
- Assisted opening feed hopper cover

### Control System

- SCHWING intelligent control technology
- Remote control and fault diagnosis
- SCHWING's 3<sup>rd</sup> generation energy-saving technology
- Grating switch detection
- Outrigger Limited warning

### Others

- Water tank capacity 820L
- Water pipe length 20m
- Outlet pressure(7Mpa) of water gun
- One-key pneumatic greasing of lubrication system
- One-side operation function

