



TRUCK OPTIONS

CLASS 8 HD

Peterbilt, Mack, Kenworth, International, Freightliner, Western Star, Others

TRANSMISSION

Automatic, Manual or Automatic Manual

TECHNOLOGY

Integrated Radar, Camera, Auto-Braking System (when available)
 Blind Spot Monitoring (when available)

PUMP STANDARD FEATURES

Carbide Wear Parts

Twin Wall Pipe, Chrome Carbide Centrifugally Cast

Pumping Integrated Air Cuff Tip Hose Shut-Off

Pumping Integrated Auto-Greaser System

Air Powered Back End Sprayer System

Hatex (German) Radio Remote Controls, 900 MHz

Additional Lights & Horn On Tip Section

Next Era Grease Guardian Clogged Grease Line Alarm (patent pending)

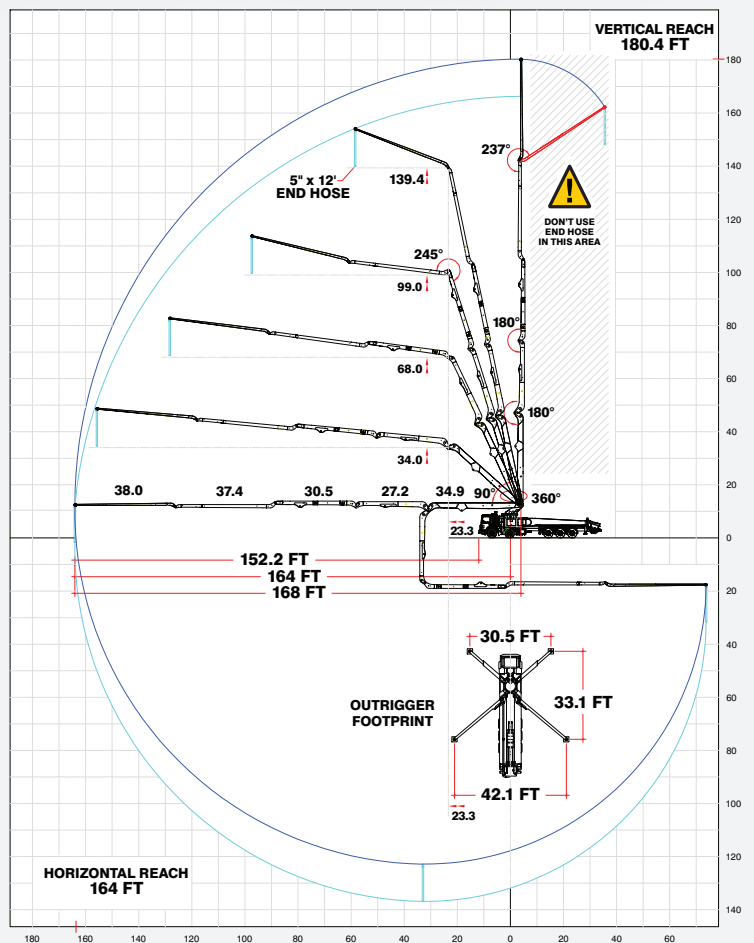
WARRANTY

NEXT ERA ARMOR

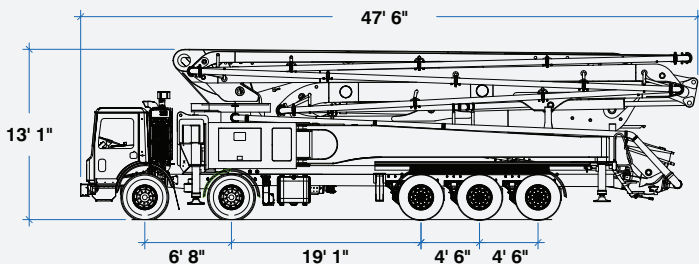
3 Year Pump & Boom
 (standard)

NEXT ERA ARMOR PLUS

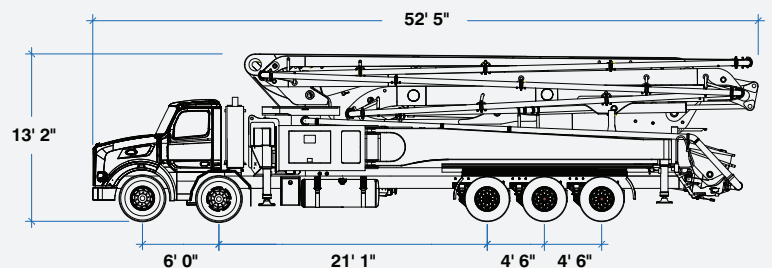
5 Year Pump & Boom
 (optional upgrade)



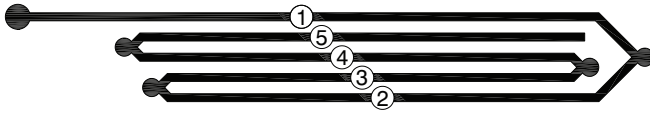
CAB OVER MODEL (MACK TE106)



SBFA CONVENTIONAL (PETERBILT 567 106)



BOOM SPECIFICATIONS



FOLDING TYPE

5-Section RZ

VERTICAL REACH

180.4 ft

BOOM CONTROLS

Fully Proportional

HORIZONTAL REACH

164 ft

SECTION LENGTH

1	34.9 ft
2	27.2 ft
3	30.5 ft
4	37.4 ft
5	38.0 ft

UNFOLDING HEIGHT

40 ft

REACH DEPTH

136.9 ft

DELIVERY PIPE

5 in Ø Twin Wall
Centrifugally Cast Chrome Carbide
Elbows Used: 30°, 90°
Special Elbows: None

END HOSE

Single Ended
5 in x 13.1 ft

PUMP SPECIFICATIONS

CONCRETE PUMP KIT

ROD SIDE PUMPING

Max Output	237 cu. yd/hr
Max Pressure	1,042 psi (72 bar)
Strokes/Min	0-35 spm (variable control w/ manual override)

PISTON SIDE PUMPING

Max Output	127 cu. yd/hr
Max Pressure***	1,845 psi (127 bar)
Strokes/Min	0-23 spm (variable control w/ manual override)

*** Not for pumping through boom pipe, consult Engineering.

PUMPING CONTROLS

Fully Proportional (simple manual bypass)

ENGINE

Maximum Speed 1,650 rpm

STROKE LIMITER

0-35 bar PRV
(proportional manual bypass)

PTO GEAR BOX

Gear Reduction 1:1.25

MATERIAL CYLINDERS

230/2100 (9 in x 82.7 in)

DRIVE CYLINDERS

140/80 (5.5 in x 3.1 in)

OUTRIGGERS

TYPE

Front X-Style, 2 Stage
Hyd Motor/Chain, Cylinder
Rear Swing Out
Hyd Cylinder

SPREAD

Front 30.5 ft
Rear 42.1 ft

MAX JACK LOAD

Front 64,070 LB (285kN)
Rear 64,070 LB (285kN)

MAX GROUND PRESSURE WHEN USING OEM PADS

Front 116 psi
Rear 116 psi

CAUTION: The actual ground pressure depends on the pads and dunnage being used.

SLEWING

SLEW RANGE

370 degrees

SLEW SPEED

0.3 rpm

PLANETARY DRIVE

Dana-Brevini ET 3150

SAFETY LIMIT SWITCHES

Boom Out of Cradle Switch
Hopper Grate Switch
Slew Limit, Over Rotation Prevention
Cab Crush Prevention

HYDRAULIC / PNEUMATIC

SYSTEM

Open Loop Standard
Closed Loop Optional

BOOM PUMP

Bosch Rexroth A2F032

MAIN PUMP

Rexroth A11V190/190LRDH1
Stroke Limited/Variable Displacement

ACCUM PUMP

Rexroth A10VO28DR

BOOM VALVE

HAWE PSLF
370 bar (manifold style)

BOOM FILTER

PALL (high psi)

SWITCHING

All Hydraulic
Rexroth DCV's w/ Manual Bypass

AUTO GREASER

Hopper Air Powered
35 lb / 5 gallon Pail
Boom Electric Powered (Lincoln)

ELECTRIC

SYSTEM

12v DC, No Problematic Dual Voltage
Alternator Control (DUVAC)

SAFETY

Normally Open Accumulator
& Hopper Grate Circuits
(fail to safe mode)

CONTROLLER

Relays, Timers, Switches
(no printed circuit boards)

RADIO REMOTE

HATOX (German)
Alum Body, AA Batteries