

SCANNING

**AGREED
SCOPE OF SUPPLY**

**S 36 X Razor CONCRETE PUMP WITH 5 STAGE ZR BOOM
ON MERCEDES BENZ AROCS 2636 (6x4)**

Proposal for: **Mona's Concrete Pumping Pty Ltd**
Jason Monaghan (0408 345 162)

Contact: **Schwing Australia**
Damien McTernan (0407 105 965)

6 September 2023



4.2m Wheelbase

AGREED SCOPE OF SUPPLY - NEW SCHWING S 36 X RaZor CONCRETE PUMP – MONA'S CP

TECHNICAL DATA

PUMP KIT P2023-5-130/80, TC, RB, Cr

✓ Max. Theoretical Concrete Output	157m ³ /hr	✓ Max. Concrete Pressure	57/95 bar	✓ MPS Accumulator	Twin Circuit Hydraulic
✓ Max. Strokes per minute	31	✓ Diameter / Length of Pumping Cylinders	230/2000mm Chrome	✓ Wearing Parts	Standard
✓ Oil Flow from Hydraulic Pumps	535 ltr / min	✓ Differential Cylinder Ram / Rod Diameter	130/80mm		

Fitted with the unique SCHWING BIG ROCK Concrete Valve with automatic adjustment of the cutting ring by means of a prestressed rubber spring. Easy access for cleaning and maintenance resulting in low wearing costs. Fully hydraulic concrete pump control system in the reliable open hydraulic circuit. Painted in single colour RAL 9147 Arctic White.

PLACING BOOM 36RZ

✓ Diameter of Pipeline	125m	✓ Vertical Reach	35.10m
✓ Number of articulations	5	✓ Horizontal Reach from Centre of Slew Axis	30.80m
✓ Slewing Range Degrees	730° (2 x 365°)	✓ Unfolding Height	6.87m
		✓ Outriggers	Hydraulic single section X-Type at front, and hydraulic H-Type slide out at rear

Compact5 section placing boom in Roll-Z design, made of fine grain steel with attached pipeline, resting on a slewable base column with hydraulic and telescopic outriggers. Operation of the boom by proportional radio remote control. Manual controls for emergency set-up and take-down, cleaning, maintenance and repair works, only. Painted in single colour RAL 9147 Arctic White.

PIPELINE

- ✓ **Esser Super 3000 Twin Pipe DN125**
 - ✓ **360° Rotating Outlet**
 - ✓ **Slurry Port DN150**
 - ✓ **Dual Function Air / Water Line to End of Boom**
 - ✓ **End Hose Concrete Shut Off Valve (Air Cuff DN85-100)**
- BASE FRAME**
- ✓ X-Type Outriggers: vertical & horizontal hydraulic telescopic
 - ✓ **Outtrigger System: Full / Reduced Support – EASY Flex**
 - ✓ Outtrigger Pads: PE x 4 (600mm x 600mm)

LIGHTING

- ✓ Working light LED on hopper LHS
- DELIVERY SYSTEM**
- ✓ PE-water tank 610 litres rear centre deck mounted
 - ✓ Roller Water Pump & Water Hose 15m
 - ✓ Electric Hopper Vibrator – Mounted on Hopper Grate
 - ✓ Pressurised water connection at rear RHS
 - ✓ Hydraulic Oil HLP46 and Oil Cooler (reinforced version)
 - ✓ Separate air supply at hopper RHS – chassis air 5 bar
 - ✓ **High Pressure Cleaner (wand, 14m hose on enclosed recoil drum)**

OPERATING SYSTEM

- ✓ VECTOR II Control System
- ✓ Proportional Remote Control: SCHWING Control 30
 - ✓ Can be used in wireless & cable linked mode
 - ✓ 2 x SC30 Transmitters (1 x Carrying Strap)
 - ✓ 2 x 20m Cables for Teach & cable linked mode
 - ✓ 1 x Receiver
 - ✓ 1 x Battery Recharger; 2 x Rechargeable Batteries
- ✓ Local control panel at rear steps ground level
- ✓ Horn at Hopper LHS and RHS; E-Stops (4)

SUPPLY CONTROL – REAR RHS GROUND LEVEL

- ✓ Water box filling at rear step
- ✓ C-connection for filling / emptying water tank
- ✓ Pressurised water hose connection (12/20 bar)
- ✓ Central lubrication strip (rock/agitator)
- ✓ Gauges – Hydraulic Pressure and Accumulator Pressure
- ✓ Local Controls – Engine Start / Stop; Engine RPM; Concrete Pump Output; Agitator Fwd / Rev; Concrete Pump Fwd / Rev; Water Pump Control
- ✓ Hopper with agitator including hopper cover with 2 position lock

- ✓ Signalling horn at base frame and boom (manually and via RRC)

MOUNTING PARTS

- ✓ **Hinged folding sideboard LHS 5m aluminium anodised**
- ✓ Access RHS: Hinged Step
- ✓ Access LHS: Step

DOCUMENTS

- ✓ 2 x Operating, Maintenance and Safety Manuals (English)
- ✓ 2 x Spare Parts Manuals (1 hard copy + 1 CD ROM)
- ✓ Standard labelling (English)
- ✓ Standard Toolbox & Accessories

CAB CHASSIS

- ✓ Mercedes Benz Arocs 2836 (6x4) Euro 6
 - ✓ 10.5ltr Engine - Output 360HP / 270kW / 1800NM
 - ✓ Transmission 16 Speed Powershift
 - ✓ Direct Drive via NMV Chassis PTO