

Complete Solution for the  
**Civil & Road Construction Machineries**

**TRANSIT MIXER**



**STATIONARY  
CONCRETE PUMP**



# TRANSIT MIXER



## Features & Benefits

### Drum & Spiral Geometry

- The Drum has a larger loading volume.
- Spirals enable efficient mixing and discharge of concrete.
- Provides Large clearance for concrete discharge.
- Thick mixing spirals ensure a long service life and low maintenance costs even with the highest load.

### High water line

- Supports the safe transport of very soft and flow able concretes even in rough terrain.

### Service openings

- The Service openings on the sides with the removable covers in the discharge trestle provide optimum access.

### Central greasing strip

- Lubrication can be carried out conveniently.

### Truck- Mixer gear

- The robust design ensures a long service life, high reliability, and low maintenance costs.

### Folding Chute

- Facilitates quick and simple actuation when needed.
- Light in weight and allows for simple extension of the chute that improves handling.



## Technical Specifications

MODEL	UNIT	VENUS 6.0	VENUS 7.0
Nominal Capacity	Litre(m3)	6000 (6)	7000 (7)
Material		ST 52	ST 52
Shell Thickness	mm	6 to 5	6 to 5
Geometric Volume	Ltr	12000	13250
Water Line Volume	m3	7500	8500
Filing Ratio	%	52	55
Rotation Speed	rpm	0-14	0-14
Direction of Rotation		Clockwise & anti clockwise	Clockwise & anti clockwise
Number of Manholes		1	1
HYDRAULICS			
Pump/motor		Rexroth/PMP/EATON	Rexroth/PMP/EATON
Oil Cooler Tank Capacity	Ltr	18	18
Reducer		Rexroth	Rexroth
WATER SYSTEM			
Pump		centrifugal	centrifugal
Water Tank Capacity	Ltr	450	450
DIMENSIONS			
Diameter	mm	2350	2350
Max. Length	mm	5853	6300
Max. Height	mm	2665	2665
Max. Width	mm	2450	2450
Empty Weight	kg	3850	4000
Concrete Weight	tone	14.4	16.8
ENGINE			
Make		Kirloskar	Kirloskar
Model		HA 494	HA 494
Power	KW/HP	52/70	52/70
ACCESSORIES			
Discharge Chute (in Addition to Fixed Chute)		2 Nos	2 Nos

# STATIONARY CONCRETE PUMP



## Features

- New innovative look with brand new design.
- World famous S- valve technology.
- Big diameter concrete pumping cylinders (Ø 200 mm) (Hard chrome finish for better life)  
Variable displacement open hydraulic system.
- Variable concrete output from zero to maximum
- Bigger S valve-2018 and sturdy large capacity hopper
- Work hardening manganese alloy steel S-Valve with hard facing for more life.
- Work hardening manganese alloy steel FLAP straight pipe with partial hard facing
- Head side / Rod side conversion options. So you get two models in one machine.
- Less operating cost.
- Powerful agitator mixing system.
- Strong and rigid jack.
- Gas springs for doors.
- Centralized greasing system with manual grease pump.
- Maintenance friendly design.
- In case of electric failure, manual overrides are provided for emergency operations.
- Leaf springs provided to axle for suspension during towing.
- Flap straight design for concrete outlet with cleaning port.
- Assembled concrete piston with removable seals. Reduced cost of replacement.
- Considerable noise reduction.
- Low operation cost.
- Compact design and least towing length.
- Variable concrete output from minimum to maximum.
- Largest core pump in this class with 200 mm diameter concrete cylinder.
- Pump regulator protects the hydraulic system from overheating and engine from overloading.




## Technical Specifications

MODEL	UNIT	VCP 1050	VCP 1450	VCP 1470
Max Theoretical Output	M3/H	50/35*	50/35*	70/48*
Max. Theoretical Concrete Pressure	bar	61/91*	61/91*	71/106*
Stroke/ Minute	Min	27/18	19/13	27/18*
Concrete Cylinder Diameter	mm	200	200	200
Concrete Cylinder Stroke	mm	1000	1400	1400
Hopper Capacity	L	600	600	600
Filling Height	mm	1350	1350	1350
Hydraulic System Type		Open Circuit	Open Circuit	Open Circuit
Power	Kw/hp	49 (70 hp)	49 (70 hp)	82 (112 hp)
KOEL Model		HA494	HA494	HA694
Horizontal Delivery Distance	m	400	500	600
Vertical Delivery Distance	m	100	125	150



# WIDE NETWORK



-  **Head Office**
-  **Branch Office**
-  **Sales & Service**



\* Technical details are subject to change w/o prior notice.



FINANCE  
SUPPORT



Survey No. 1171, Motap, Becharaji, Mahesana - 384210. Gujarat  
 Email : marketing@venusindustries.net, sales@venusequipment.com

Website : [www.venusequipment.com](http://www.venusequipment.com), [www.venusindustries.net](http://www.venusindustries.net)  
 Mobile No : +91 85111 89405, +91 99248 45550