



ROAD-Pro

Binder Spreader on Truck



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Binder Spreader on 3 Axle Truck.
Self Contained Filling & Discharge Unit with Computer Controller.
In Built Dust Filter system to prevent cement loss during pressure filling.

ROAD-Pro

Model: S-CS-20

Binder Spreader suitable for Soil Stabilization and Cold recycling.

Truck requirement: Minimum 3 Axle Truck.

The spreading design 2.46 m working width.

Dosage: Volumetric with Manual control or fully automatic through Computer Controller.

Standard Capacity of Container: 16 cum.

Fabricated from quality steel with all the necessary reinforcements for rigidity and strength.

Lockable side doors are provided. The Container is provided with pneumatic inlet and put lets pipes,

Couplings with shut-off valves. Visual display of

Container Full & Empty. Two Cement Screw feeder conveyors at the bottom are provided with channel opening of 950mm wide. Hydraulic shutoff valve during filling are provided. Feeder

Conveyors and all other movement are controlled through the Computer controller

and sensor. The spreading quantity at a travelling speed of 2KM/hr: 3 to 42 L/CUM (depending 'on binding material)/ The width of spreading is 2.46m approx. All precautions against dust are provided through Filters at every required Stages in the Hydraulic and Pneumatic system.

On Board Computer housed in the Truck Cabin is very easy to operate.

It can adjust the quantity, rate of spreading flow to give exact output required qs per the site requirements. Hydraulic system are provided with Oil Cooler and large Storage Tank (for Indian Hot conditions) with Load sensing pump.

This Spreader is driven by Power Take-off of the Truck Chassis supplied by the Buyer (for spline shaft 8x32x36, DIN ISO 14). The mechanism is Rotary Design.

The pneumatic system is provided with stone screen .

The Cement Screw feeders are operated through Standard Chain drive.



Transport dimensions of Road Spreader S-CS 20 (without truck). Dimensions in mm.

Dimensions	S-CS 20
Length, ft [mm]	18.33 [5500]
Width, in [mm]	86.61 [2200]
Height, in [mm]	88.58 [2250]

**DESIGNED FOR
HOT-HUMID CONDITIONS**

Technical features

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Dual Cement Screw Feeders are operated through a powerful Hydraulic Motor with the chain Sprocket drive transmission to the Feeders. Easy to maintain and long life in dusty conditions.



Closed On-board Hydraulic system:
Hydraulic Tank with cooling system
Are designed for Hot climate.
The entire Hydraulic system grouped
Together in a valve block
For easy servicing. Oil Flow control
Valve is provided.



MICRO COMPUTER can be fitted
within easy access and view of the
Operator inside the Truck Cabin.
The system can control the discharge
rate, speed and other functions.
The entire system is designed to work
in dusty conditions and simple to use
by a semi skilled operator.
The system can be serviced and
rebooted through WIFI.



Manual controlling
also provided in
case of any
Computer glitch



Cement can be pumped from a Bulker
directly into the Tank provided with
Dust Filter system

Container	
Container capacity for cement	20 tons
Container capacity for water tank	6000 l
Size of filling connector / filling hose	4 inch.
Conveyor screw	
Width of conveyor screw	8 inch.
Working width	2,200 mm
Hydraulic system	
Max. hydraulic power	75 l / min x 300 bar
Capacity of hydraulic fluid tank	120 l
Weights	
Built-up empty weight	4,500 kg
Truck requirements	
Minimum speed of auxiliary drive	600 min ⁻¹
Required speed of auxiliary drive for minimum. hydraulic power	1000 min ⁻¹
Electrical system – standard	24 V / > 20 A

Equipment features Included in Standard Supply

Model S-CS-20

16 CUM Container with following features comes under standard supply without Truck chassis.

Standard coating of paint.

Binder container with internal reinforcement

Lockable side doors

Inspection ports with safety switch

Storage compartments

Loading and lashing lugs

Built-up unit for 3-axle truck

Drive / control system / on-board computer

Load sensing hydraulic pump

Closed on-board hydraulic system

Hydraulic oil cooler

Oil flow control valve

Hydraulic system grouped together in a valve block for easy servicing

Speed sensor mounted on the wheels

Control terminal

Central control electronics in a control cabinet

Drive / control system / on-board computer with Programmable logic controller (SPS)

Infinite adjustment of the quantity to be spread

Level indicator “Container full” or “empty”

“Standard” drive on both sides

Miscellaneous:

Dust protection

Access ladder

Control for checking the spread quantity

Imported & Sold by



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