

# Cereal Tipper Semi-Trailer

SUSPENSION AND PNEUMATICS	HEIGHTS in mm					WEIGHT in kg			
	H maxi	J empty      loaded		G maxi	L	PM +/- 3%	C U	P 1	P 2
Balancing pole mechanic 12.00 R 20 PR 18 ( 80 km/h)	12480	3 800	3 660	1 730	10 500	10 000	35 000	15 000	30 000

## Technical Specifications

### Use :

\* Vehicles conceived for cereals and granular transport, load uniformly retort at a 80km/h speed.      PTC = 45 tons      C.U.T = 35 tons.

### Frame :

Frame made of :

- Two rectilinear girders in I section. Flat iron wings E 36-2 and Ame in E 24-2, with a swan neck ISO 1726 adapting to all types of tractors.
- 10mm thickness fastening plate reinforced by streamlines in UPN 140.
- Crossbars in folded sheet metal E 24-2, rigidly spacing the girders.

### Case :

Self-supporting with a rectangular section.

- Bottom in polished sheet metal of 4mm thickness.
- Lateral surfaces in polished sheet metal, strongly reinforced by hogweeds.
- Side member with square section in metal sheet of 5 mm.
- Sloping front tailgate in metal sheet of 5 mm, strongly reinforced by horizontal and vertical timbers.
- Back door with two banging sides universal type.

### Suspension and trucks :

Tridem type with a balacing pole made of the following elements :

- A three reinforced axles suspension type 3x10 T.
- Mechanical suspension with 6 multi-blades laminated springs in manganate-silica steel.
- Three axles with tubular bodies made of treated XC 32 steel, ground load 10t each, disc hub for 20''.
- Traction bars elevated on vibration dampers, one is fixed and the other is adjustable by axles.
- Mechanical drum braking, in melting commanded by an expander in S.
- Way 1810, springs axis space of 900 mm..
- Wheelbase 1360 mm.
- Manual brake greyhounds.
- Wheel gudgeons m22x1.5.
- Twelve (12) pneumatics 1200 x 20 PR 18.

- Twinned assembling, on a disc wheel 20 ''.

### **Equipments :**

- Air compressed brakes in two lines with incorporated corrector conform to the existing standards.
- Park brakes with cable.
- 24V complete installation of lights and markings conform to the Highway Code.
- Two speeds telescopic crutches.  
Lifting capacity : 24 T  
Static capacity : 50 T
- Dismantling kingpin 2 '' interchangeable at 3''1/2.
- 1 Back bumper and a rear lamps support. .
- 1 Spare wheel foot support.
- 1 Spare wheel.
- 1 Tool box on the side.
- Rear wings with rubber mud flaps .
- Telescopic jack with 45 T tipping weight 5345 race.

### **Presentation and painting :**

The whole Cereal Tipper Semi-Trailer is presented in :

- Two primary painting coats.
- Two finishing painting coats : colour choice.

### **Options :**

- A second spare wheel support.
- A large size tool box.