

## **Mitrax 3-axle heavy duty tipper trailer**

### **General dimensions**

|                    |                               |
|--------------------|-------------------------------|
| Gross weight       | 61.000 kilo                   |
| Axle weight        | 3 x 13.000 kilo               |
| Kingpin weight     | 22.000 kilo                   |
| Volume             | 32 cbm.                       |
| Body length        | 8.890 mm                      |
| Trailer length     | 10.040 mm                     |
| Fifth wheel height | 1.400 mm approximately loaded |

### **Frame**

A heavy duty frame consisting of two assembled I main beams with necessary cross members. In the frame a fifth wheel section with 3,5" Jost kingpin. At the rear a fixed bumper.

### **Axles**

Three 13 tons technical capacity heavy duty axles with 420 x 180 drum brake. Mechanical suspension. The axle parts interchangeable with BPW.

### **Tires**

13 pieces of tire with steel rim, dimension 315/80 R22,5, make Kama or Cordiant. A spare wheel carrier of the bow type.

### **Brake system**

A two line Wabco brake system with load sensing valve. The parking brake via spring brake cylinder on the last axle.

### **Light system**

A 24 V light system according EC regulation, with 7 pole ISO sockets.

### **Hydraulics**

A Penta front tip cylinder. Tipping angle will be approximately 45- 47 degrees

### **Body**

A rear tipping square body with volume 32 cbm. Side walls of 5 mm and floor from 7 mm, material Domex Optim. A top hinged swiveling rear door, with automatic lock via two hooks.

### **Various**

Mudguards over the rear wheels. A ladder at the front of the body and with steps at the inside of the body.

### **Conservation**

All steel after assembly shot blasted primed and painted in a top coating. The frame in grey. The body in a RAL color white.