

Equipment: Kamag 1604 HS2E (fleet U1604HS2E1104)  
LOCATION: Belgium



Subject to prior sale

- |                    |   |                          |
|--------------------|---|--------------------------|
| - MAKE             | : | Kamag                    |
| - TYPE             | : | 1604 HS2E                |
| - YEAR             | : | 1994 <b>rebuilt 2015</b> |
| - SERIAL           | : | 81-01302                 |
| - TECHNICAL DETAIL | : | See datasheet below      |

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Technical specifications

**Identification data**

|                         |                                                                   |
|-------------------------|-------------------------------------------------------------------|
| Drive                   | Diesel - Hydraulic                                                |
| Operation               | Low platform cabin, wireless remote control, wired remote control |
| Load capacity (Maximum) | 80.000 kg                                                         |
| Number of axle lines    | 4                                                                 |

**Weight / load**

|              |         |            |
|--------------|---------|------------|
| Dead weight  | Approx. | 23.000 kg  |
| Payload      | Approx. | 80.000 kg  |
| Total weight | Max.    | 103.000 kg |

**Main dimensions**

|                     |                  |         |
|---------------------|------------------|---------|
| Length              | 12.000 m         |         |
| Width               | 3.100 m          |         |
| Height              | Min.             | 1.445 m |
|                     | Max.             | 2.045 m |
| Platform dimensions | 12.000 x 3.100 m |         |
| Turning circle      | Inner.           | 1.300 m |
|                     | Outer.           | 7.500 m |

**Drive / engine**

|                          |                                       |
|--------------------------|---------------------------------------|
| Manufacturer             | DAIMLER-BENZ                          |
| Model                    | OM 441                                |
| Power                    | 160 kW                                |
| Torque                   | 834 Nm (@ 1500 rpm)                   |
| Nominal engine speed     | 2100 rpm                              |
| Cylinders / displacement | 6 Cylinders / 11.303 cm <sup>3</sup>  |
| Cooling                  | Water cooled                          |
| Engine type              | 4 stroke Diesel with direct injection |

**Electrical**

|            |                  |
|------------|------------------|
| Battery    | 24 Volt / 170 Ah |
| Starter    | 24 Volt / 5,4 kW |
| Alternator | 28 Volt / 55 A   |

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**Chassis / wheels**

|                            |                                    |
|----------------------------|------------------------------------|
| Number of rotating bogies  | 8                                  |
| Number of drive bogies     | 2                                  |
| Number of brake bogies     | 4                                  |
| Number of wheels per bogie | 2                                  |
| Type of tires              | 355/65-15 Luft PR 24, Profil IC 40 |
| Tire pressure              | 10 bar                             |

**Brakes**

|                |                                                                                |
|----------------|--------------------------------------------------------------------------------|
| Service brakes | Brake drums operated by compressed air                                         |
| Parking brakes | Brake drums spring actuated<br>(To release brakes, pneumatic force is applied) |

**Steering**

|                            |                                                                 |
|----------------------------|-----------------------------------------------------------------|
| Steering                   | Mechanical (Steering rods)                                      |
| Steering angle axle line 1 | Max. 60°<br>(knee joint moving outwards, wheels moving inwards) |

**Performance**

|                                                                                               |           |
|-----------------------------------------------------------------------------------------------|-----------|
| Max. towing capacity at 350 bar                                                               | 8.200 daN |
| Ascent ability at 350 bar with maximum load<br>(Rolling resistance coefficient of 30 kg / Tm) | 5%        |
| Max. travel speed, unloaded                                                                   | 20 km/h   |
| Max. travel speed (max. payload, flat and dry<br>drive path)                                  | 10 km/h   |
| Platform elevation                                                                            | 600 mm    |
| Platform elevation speed                                                                      | 25 mm/s   |