

Dimensions & Weight:

Overall Length	: 16.000 mm
Overall Width	: 3.000 mm
Lifting Capacity	: 60 tons

* Technical drawing is submitted with the offer

* Producer; reserves the right to make changes in technical dimensions and specifications without prior notice

Body / Chassis:

Manufactured from high-strength sheet metal by using gas metal arc welding machines. Chassis, frame and backbone structure are suitable for heavy-loads and designed as aesthetic appearance and durable.

- The thickness of dumper's floor sheet metal is 7/8 mm chequered 'S235JR' or equivalent sheet (**optional** 8 mm sheet metal)
- Top chassis 'IPE 450mm' profiles reinforced with '100x200x5mm' side support profiles
- Sub-frame '200x200x5mm' or 'NPU 200' profile and reinforced with intermediate support
- Rear pivot shaft diameter is 100 mm and made of 'CK45 steel' or 'ST60 steel' or equivalent
- Rear pivot bushings are demountable when required and grease lubricated
- For unbalanced loads, mechanical equilibrium plate is used in the under the platform
- 2 pcs, 5 stage single acting telescopic cylinder, external diameter 215 mm, with return safety valve, with adjustable descent speed
- Safety valves will be included in the system to stop oil discharge against hose burst
- 3 connection rings or 3 eye-bolt on the front of platform to prevent falling back of truck/tractor
- In case the electricity interruption, mechanical controlled lowering valve (oil drain) is available
- Tipping angle can be adjusted with limit switch (max. 38°)
- Truck unloading platform; designed according to '**12,46 kN/m²**' maximum load
- Hydraulic controlled 2 row wheel chocks to prevent 'back movement' during unloading
- Wheel holders will be controlled separately as pair with remote control device
- When wheel holders are in the closed position; main hydraulic cylinders can't work for safety
- 1st row holder can be used for truck and 2nd row holder can be used for trailers
- The limit adjustment of wheel holders limitation will operate mechanically
- During the mounting, dumper is surrounded by angle iron (50x50), and the dumper and floor will be flat when the dumper is closed
- In order to ensure that load is balanced on the platform; vehicle walking path (50cmx16meter) will be painted in different colors

Date: 11.03.2024

Hydraulic & Electric & Control Panel System:

- PLC controlled, **remote control system**
- Equipment can also be controlled manually with button which integrated on electrical panel (up-down)
- Electricity Motors: The power of main motor is 30-37 Kw, 3x380 Volt. Wheel holding motors 2-4 Kw 3x380 Volt
- Electrical stop switch (In case of failure, hydraulic bypass is activated)
- The protection class of electrical control cables is IP54 and plastic spiral protection (provided **with only optional option**)
- There is no hydraulic connection between command device and platform. System can be controlled by remote-control command
- Oil cooler radiator or oil heater is added to hydraulic system according to weather conditions
- Hydraulic pump (65-97 liter) is gear or piston type (pump, electric motor, oil tank and filter are assembled as a unit)
- Hydraulic valves are 12V or 24V DC with bobbin and continuously keep operation type
- Oil tank 500 liters, oil filter 500 liters/minute
- Oil temperature gauge, oil level gauge and oil pressure gauge will be mounted on system
- Hydraulic system oil is 37/46 quality oil or equivalent (Example: Shell Tellus 37/46)
- Oil entry lid and ventilation lid are on the hydraulic tank or hydraulic mounting kit
- Hydraulic system pipes are seamless
- Hydraulic system hoses are R2 type (high pressure resistant) hydraulic hoses
- **Optional (with extra payment):** Through the screen, installed in a place where the truck unloading platform is commanded; lubrication, excessive flow, high and low voltage warnings can be seen



Before Installation (Buyer Company Liability):

- The concrete channel/structure required for assembly of equipment will be made by buyer
- According to our project, 34 embedment (17+17 unit and metric 22) anchorages will be mounted in concrete canal/structure (after laying rebar and before pouring concrete). Buyer firm must prepare concrete canal/structure and mount these anchorages before the declared equipment installation date
- * Seller will provide technical support to concrete channel/structure project by providing technical drawings for mounting compatibility of the equipment
- For operation and mounting of truck unloading platform/lift; 3x380V energy line must be provided by buyer, 3 meters close to equipment
- Truck unloading platform all transportation and/or shipment cost and crane firm cost will be paid by buyer firm
- The welding machine, drill, spanners and all other required tools which must be used during installation, must be provided by the buyer
- Buyer will pay all assembly/installation employee costs of 2-4 people (Konya to installation country round trip flight ticket, passport and visa with duty taxes, food & beverage, accommodation and other all cost for assembly in installation country)
- Hydraulic system oil is drained before transportation/shipment. Required hydraulic oil for operation of the system, must be provided by the buyer up to the volume of oil tank and before the specified assembly/installation date
- * In accordance with the loading instructions, it is not possible to transport with hydraulic oil

Painting: Anti-corrosive epoxy primer coat is applied to all metal parts as it is effective against decaying and corrosion. Then, truck unloading platform is painted with top acrylic paint coat with up-to-date colors

Warranty Period:

Our products are under 1-year international warranty against manufacturing defects

- * For electronic and/or electrical parts and/or equipment's; the warranty conditions determined by the main manufacturer will be valid. Our company does not offer any additional warranty coverage for these products and don't responsible
- * Product will be out of product warranty coverage in case all interventions such as hydraulic, mechanical and electrical repairs and/or modifications made without our company's permission and approval

Price (Konya / TURKEY Delivery):

- Euro / 1 Unit - EXW Price
- * Export invoice and/or export registered invoice will be issued
- * Price is valid for 7 days from the date of offer
- * Optional features provide with extra charge
- * Unit price is valid only within the considered payment terms and in the specified period
- * The seller has the right to make change the price within the scope of other customer proposed/planned payment terms and conditions

Payment Terms:

- %60 advance payment
- %40 at the EXW delivery (before loading)

Delivery:

- 60 working days after order confirmation and prepayment received (EXW delivery)
- In order to complete the assembly of the product, the concrete channel must be prepared by the buyer beforehand
- After the completion of the transportation of the product to the assembly/installation site, the assembly/installation team will be directed within 1 month
- The buyer company is responsible for all issues that may prevent product assembly/installation, such as not preparing and/or delaying the concrete channel / structure or not making the necessary energy allocation. The assembly/installation team will be dispatched to the site **only once** and within the specified time interval. The right to determine the installation date belongs to the seller
- If the assembly/installation and all other requirements that belong the responsibility of the buyer company are not completed; the product will be deemed to have been delivered completely. In this case; if there is the remaining payment, it will be collected unconditionally

Notes:

- Our company reserves the right to make modification in mechanical and technical specification without prior notice
- The technical drawing has been submitted as an annex to the product offer
- In case of inconsistencies in the product offer and the technical drawing; only the content in the price offer will be referenced
- Delays and incompatibilities arising from force majeure are not taken into account