

PRODUCT

TRI JAYA SEMESTA

Civil Contruction

Is an integrated EPC plus T&F Contractor who is capable to handle various civil projects.

V-Parking

Provide parking system manufacturers to study, design, manufacture, install, operate and maintenance for vertical circular parking system (V-Parking).

V-Parking is creating more benefits such as:

- Safe and reliable to all cars which are packed in V-Parking
- Eliminate the time to find a parking space and use it for business growth
- Smart and high tech for easy to in and to out
- Small land space but high occupy
- Low energy, low noise and green environment
- Nice outlook with good art design to merge with surrounding

Advanced Bulk Material Handling System

Mining Heavy Equipment, such as excavator, dump truck, loader, dozer and others.

Shantui Construction Machinery CO, Ltd (Bulldozer)



Technical Supply Range:

Horse power: 85 – 900 Hp

Dozing Capacity: 1.93 – 39 m³

Bucket Capacity: 1 - 4.5 m³

Loading Capacity: 2 - 8 Ton

Operating Weight: 6.2 – 29.5 Ton

Product Application Series:

Standard Model

Swamp Model

Super Swamp Model

Desert Model

Power Plant Model

Landfill Model

Rock Model

Forest Model

Long Track Model

Product Application Area:

Mining

Cement Plant

Port

Construction Site, and others



Service of Shantui

Pre-sales Service:

- Customer service center
- Consultancy of mining engineering transportation calculation, design and solutions

During Sales Services:

- Consultancy of right equipment selection and optimizing of purchased equipment
- Professional transportation delivery service
- Professional training service during initial setup with every single piece of purchased equipment

After Sales Service:

- 365 days, 24 hours full time on call and message service
 - Spare parts always be ready for customer's need
 - Provide lifetime technical upgrades and transformations
 - Provide comprehensive mining engineering transportation solutions
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Shaanxi Tonly Heavy Industries CO, Ltd



Shaanxi Tonly has established four business segments: Off Road Wide Body Dump Truck, Mining Dump Truck, Tunnel Transportation Equipment, Off Road Special Transportation Equipment.

Tonly's Products Range Display

1. Off Road Dump Truck – TL883 Series

- ✓ Newly Upgraded axles bring large single load capacity and high comprehensive transportation benefits
- ✓ Applied with highly optimized and enhanced skate-board front suspension
- ✓ Full hydraulic steering system and emergency steering system is portable, reliable and safe



Model	TL883A	TL883B	TL883D
Engine (Hp)	Weichai 460	Weichai 480	Weichai 530
Gearbox	7 Forward Gears	8 Forwarding Gears	8 Forward Gears
Kerb Mass (t)	23		
Rated Loading Capacity (t)	65		
Max Total Mass (t)	98		
Overall Dimension (mm)	9750 x 3640 x 4030		
Wheel Base (mm)	4075+1750		
Standard Bucket Capacity (m ³)	Heaped 36/Struck 42		
Tyre	16.00-25		
Lifting System	Single Cylinder Front Lifting		
Max Speed (Km/h)	42	49	49
Gradeability (%)	32		
Min Turning Radius (m)	11		
Min Ground Clearance (mm)	400		

2. Off Road Dump Truck – TL875 Series

- ✓ High efficiency transport equipment for large and medium sized open pit mines
- ✓ Stable performance, reliable quality, 90% attendance rate and high comprehensive efficiency
- ✓ “Gold Prize for market performance” product in construction machinery industry



Model	TL875B	TL875C	TL875D
Engine (Hp)	Weichai 430	Xikang 420	Weichai 480
Gearbox	7 Forward Gears		
Kerb Mass (t)	30		
Rated Loading Capacity (t)	60		
Max Total Mass (t)	90		
Overall Dimension (mm)	9105 x 3470 x 3975		
Wheel Base (mm)	3775+1550		
Standard Bucket Capacity (m³)	Heaped 30/Struck 35		
Tyre	14.00-25		
Lifting System	Single Cylinder Front Lifting		
Max Speed (Km/h)	40	38	45
Gradeability (%)	32		
Min Turning Radius (m)	11		
Min Ground Clearance (mm)	385		

3. Off Road Dump Truck – TL855 Series

- ✓ With mature technology, stable quality, safety and reliability and high performance cost ratio
- ✓ Rank number one in market share and “Gold prize for market performance” high quality product
- ✓ Enlarged container volume to improve transport efficiency



Model	TL855B	TL855D
Engine (Hp)	Weichai 380	Weichai 430
Gearbox	7 Forward Gears	
Kerb Mass (t)	23	
Rated Loading Capacity (t)	42	
Max Total Mass (t)	65	
Overall Dimension (mm)	8870 x 3200 x 3730	
Wheel Base (mm)	3600+1500	
Standard Bucket Capacity (m ³)	Heaped 25 / Struck 29	
Tyre	14.00-25	
Lifting System	Single Cylinder Front Lifting	
Max Speed (Km/h)	42	
Gradeability (%)	36	
Min Turning Radius (m)	10.5	
Min Ground Clearance (mm)	355	

4. Off Road Dump Truck – TL84 Series

- ✓ No. 1 market share 6x6 full-drive mode TL849 is aim at muddy, wet and high temperature conditions
- ✓ 30% transport capacity more than road vehicle for the same power under the same working condition
- ✓ Low purchase cost, high operational efficiency and short ROI



Model	TI843	TI849
Engine (Hp)	Weichai 336	Weichai 420
Gearbox	7 Forward Gears	
Kerb Mass (t)	22	22
Rated Loading Capacity (t)	32	30
Max Total Mass (t)	54	52
Overall Dimension (mm)	8625 x 3200 x 3490	8988 x 3250 x 3704
Wheel Base (mm)	3600+1500	3710+1750
Standard Bucket Capacity (m ³)	Heaped 19 / Struck 22	Heaped 18 / Struck 21
Tyre	14.00-20	18.00+25
Lifting System	Single Cylinder Front Lifting	
Max Speed (Km/h)	42	56
Gradeability (%)	35	31
Min Turning Radius (m)	10.5	11
Min Ground Clearance (mm)	350	512

5. Off Road Dump Truck – D Series

- ✓ An electronic-controlled engine and auto gear transmission can be easily operated and are efficient
- ✓ Informatization and automation technologies are used to efficiency manage mining equipment
- ✓ Lightweight technology and reliability brings long service life and a low transportation cost



Model	TLD65	TLD90
Engine (Hp)	Weichai 430	Weichai 530
Gearbox	Mining Automatic Gearbox	
Kerb Mass (t)	23	30
Rated Loading Capacity (t)	42	60
Max Total Mass (t)	65	90
Overall Dimension (mm)	8870 x 3200 x 3730	9105 x 3470 x 3975
Wheel Base (mm)	3600+1500	3775+1550
Standard Bucket Capacity (m ³)	Heaped 25 / Struck 29	Heaped 30 / Struck 35
Tyre	14.00-25	
Lifting System	Single Cylinder Front Lifting	
Max Lifting Angle (°)	53	
Max Speed (Km/h)	42	
Gradeability (%)	32	
Min Turning Radius (m)	10.5	11
Min Ground Clearance (mm)	355	385

6. Mining Dump Truck

- ✓ First dual axle driven mining dump truck model in China used in multiple large open-pit mines
- ✓ Large loading capacity of each vehicle and strong transportation circulation ability
- ✓ The hydro-pneumatic suspension system improves the service life and reliability of the chassis



Model	TLD110	TLD110B
Engine (Hp)	Domestic 560	Imported 650
Gearbox	Domestic Automation Gearbox with a Hydraulic Retarder	Imported Automation Gearbox with a Hydraulic Retarder
Kerb Mass (t)	43	
Rated Loading Capacity (t)	70	
Max Total Mass (t)	113	
Overall Dimension (mm)	10840 x 4450 x 4330	
Wheel Base (mm)	4050+1900	
Standard Bucket Capacity (m³)	Heaped 38 / Struck 46	
Tyre	18.00-25	
Lifting System	Dual Cylinder Middle Lifting	
Max Lifting Angle (°)	50.5	
Max Speed (Km/h)	45	
Gradeability (%)	30	
Min Turning Radius (m)	11.5	
Min Ground Clearance (mm)	450	

7. Off road Mining Watering Cart

- ✓ Fire control function: 25 m high-pressure firing distance can serve as the temporary firefighting truck
- ✓ Greening function: with the mixing function, it can spray the trees and greenbelts
- ✓ Water suction & pumping function: suck up and pump the water in the water tank to the higher place



Model	TLS551	TLS751
Engine (Hp)	Weichai 380	Weichai 430
Gearbox	7 Forward Gears	
Kerb Mass (t)	19	21
Rated Loading Capacity (t)	59	61
Overall Dimension (mm)	10420 x 3160 x 3860	10835 x 3340 x 3965
Wheel Base (mm)	4525+1500	5075+1550
Tyre	14.00-25	
Lifting System	Dual Cylinder Middle Lifting	
Max Speed (Km/h)	43	41
Gradeability (%)	35	32
Min Turning Radius (m)	11.7	12.6
Vehicle speed in water spraying (Km/h)	8	10
Mileage of Vehicle in Water Spraying (km)	<5	
Spraying Width (m)	10-18	
Firing Distance of the High Pressure Hydraulic Giant	>25	
Water Pump Flux (m³/h)	60	

8. TLK Series Tunnel Dump Truck

- ✓ Special equipment for slope transportation in underground mines
- ✓ Strong power, high bearing capacity, safety and environmental protection
- ✓ The IBS auxiliary brake control system, visual system, lifting alarm, tail gas purification, etc



Model	TLK301B	TLK301B Plateau Edition
Engine (Hp)	Yuchai 290	Yuchai 330
Gearbox	7 Forward Gears	
Kerb Mass (t)	11.5	
Rated Loading Capacity (t)	20	
Overall Dimension (mm)	7500 x 2480 x 2550	
Wheel Base (mm)	3650+1350	
Standard Bucket Capacity (m ³)	Heaped 8.8	
Tyre	10.00-20	
Lifting System	Dual Cylinder Middle Lifting	
Max Speed (Km/h)	63	
Gradeability (%)	30	
Min Turning Radius (m)	9.6	
Min Ground Clearance (m)	260	

PRODUCT APPLICATION



Pakistan Thar Coal Mine



Africa Coal Mine



Malaysia Coal Mine



Laos Gold Mine



Thailand Copper Mine



Mongolia Coal Mine

XUZHOU Construction Machinery (XCMG)

Pre-sales Service:

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- Provide comprehensive mining engineering transportation solutions

(XCMG) Products Range Display – Mining Heavy Equipment

1. Excavator – Operating Weight: 20 Ton – 700 Ton



2. Large Scale Mining Dump Truck – Loading Capacity: 90 Ton – 360 Ton



3. Articulated Dump Truck – Loading Capacity: 30 Ton – 41 Ton



4. Wide Body Dump Truck – Loading Capacity: 25 Ton – 230 Ton



5. Loader – Operating Weight: 2 Ton – 14 Ton



6. Middle and Large Tonnage Wheel Dozer – Widely used in all kinds of large mine and open-pit



7. Mining grader – Reaches Stage 3 Emission Standard



8. Complete Crushing and Screening Solutions



Hoisting Machinery

1. XGC Series Crawler Crane: 25 Ton – 3600 Ton (The Biggest Crawler Crane in The World)



2. XCT Series Truck Crane: 25 Ton – 130 Ton



3. XCA Series All Terrain Crane: 60 Ton – 350 Ton



4. XCR Series Rough Terrain Crane: 30 Ton – 120 Ton



5. Amphibious Excavator XE215SLL – Operating Weight: 34.9 Ton



Conveyor Equipment & System

Conveyor equipment & system is one of the crucial system and the only continuous transporting system which may convey material continuously from one point to another point. Therefore, if the conveyor equipment & system stops, the production also stops. With collaborating with several worldwide well known partners, Tri Jaya Semesta is capable in designing and building high quality and reliable conveyor equipment & system that will increase clients' productivity and profits with minimizing its operational costs.

Conveyor equipment & system, such as:

Conveyor belt (conventional & pipe type)

Stacker reclaimer

Shiploader & shipunloader

are widely applied in the fields of mine, power plant, chemical, port, etc. In order to keep being in excellent performance of work, TJS is striving to provide the best and professional services to clients.

Pre-project Period:

- Feasibility study, including technical, commercial & environmental study

Project Period:

- Engineering, including conceptual engineering, basic engineering & detail engineering
- Procurement, including fabrication, expediting, transportation & warehousing
- Construction, including installation, erection, test & commissioning

Project Management:

- Engineering Management
- Procurement Management
- Construction Management



Spare Parts and After Sales Service

"Hit & Run" style is strictly prohibited to be happened by TJS to clients, this is also the part that TJS must do well in after sales services. In addition, TJS is willing to provide deeper services to clients, such as:

- Optimizing the performance of operation
- Preventive & corrective maintenance
- Inventory management

When client is happy because of saving money, then TJS is happy.

TJS ensures technical & service teams and spare parts are in place, so that TJS can respond and provide all necessary needs and requests from clients within the shortest time. In addition, based on client's request, TJS can provide not only original & genuine spare parts from equipment's manufacturers, but also equivalent spare parts from 3rd party brands. Spare parts list such as (but not limited as listed below):

Spare Parts & After Sales Services For Heavy Equipment

- Engine parts
- Cabin parts
- Clutch system
- Suspension components
- Shock absorbers
- Filters
- Steering components
- Transmission components
- Electrical components, etc

Spare Parts & After Sales Services For Conveyor Equipment & System

- Belt conveyor
- Idler
- Belt scrapper
- Splicing material
- Motor & gearbox
- Electrical components, etc

Trading Service

With the “Keep Improving” knowledge, know-how, and experience, TJS provides professional, individualized solutions for all clients based on our advanced and updated technologies. TJS has an individual, equipment and industrial engineering high-end comprehensive transaction service platform, integrating information, trading, design, finance, logistics, talent, operation, maintenance & after sales services. TJS covers local & international bidding and procurement, investment financing, engineering services, technology R&D and design, education & training, equipment, project operation, maintenance, as well as business services. TJS trading platform is cooperating with all worldwide well known manufacturers, traders and contractors to support its related business.

Financing Service

Through project financing, asset financing, accounts receivable factoring, supply chain financing, financial leasing and other financial services, TJS builds a financial service to link enterprises and customers to have mutually reply on to achieve integration of industry and finance, and to establish a comprehensive financial platform serving all large scale complex project development.

TJS is also cooperating with local & overseas investors as well as financing institutes in order to make all projects may go well as it has planned, which has automatically bring up the economical of domestic / Indonesia.