

Leader of

Heavy Equipment Across Nepal



LIUGONG

MADE IN INDIA

Distributor & Supplier
Construction Equipments
Earthmovers
Compaction
Material Handling
Concreting Solutions

Other Machines
Asphalt Batching Plant
Compressor
Road Marking Paint & Machine
Road Sweeper
Hydraulic Breaker
Runner Two-Wheeler/Bike



raman
general
Construction Mart

Where Shopping is a Pleasure

One Many **stop**
Solutions

Distributor & Supplier: Construction Equipments

Earthmovers	Compaction	Material Handling
<ul style="list-style-type: none"> • Excavator (Liugong) • Motor Grader (Liugong) • Backhoe Loader (JCB 3DX, 4DX) • Wheel Loader (Liugong) • Bull Dozer (Liugong) • Mini Excavator (Takeuchi 2-5 Ton) 	<ul style="list-style-type: none"> • Soil Compactor (Liugong) • Tandem Roller (Liugong) • Vibrating Plate (Ammann) • Vibratory Roller (Mikasa/Ammann) • Plate Compactor (Mikasa/Ammann) • Concrete Cutter (Mikasa) • Power Trowel (Mikasa) • Tamping Rammer (Mikasa/Ammann) 	<ul style="list-style-type: none"> • Tractors (Indofarm) • Pick & Carry Crane (Indofarm 14-23 Ton) • Truck Mounted Crane (8-17 Ton Chowgule) • Wheel Ibarrow (RGM) • Forklifts (Liugong) • Warehouse Equipments
Concreting Solutions	Other Machines	
<ul style="list-style-type: none"> • Universal Mixtures • Ajax Fiori Batching Plants • Ajax Fiori Transit Mixtures • Ajax Fiori Concrete Pumps • Stone Crusher Plants 	<ul style="list-style-type: none"> • Asphalt Batching Plant (Speed Craft) • Compressor (Atlas Copco) • Road Marking Paint Machine • Road Sweeper (Speed Craft) • Asphalt Milling Machine 	<ul style="list-style-type: none"> • Genset (Ashok Leyland 5-2200KV) • Hydraulic Breaker ACE Hydraulic (2-40 Ton) • Two-Wheeler/Bike Runner • Piling machine (Jintai)

Distributor & Supplier: Construction Materials

<ul style="list-style-type: none"> • Sheetpile • Road Marking Paint • Crash barrier • DI pipes (Tata Metaliks) • DI fittings • HDPE pipes • Electrofusion fittings (Kimplas) • HDPE fittings • DI Valves (Sigma Flow & T.I.S.) 	<ul style="list-style-type: none"> • Cement • Tmt • Bitumen (VG 10, VG 30) • Fuel/ Fuel Management System with Tanks and Dispenser • Plywood • Spare parts • Lubricants • MS pipes 	<ul style="list-style-type: none"> • Scaffolding • Safety items • Mobile workshops • Container workshops • Bunk beds for Construction Site • 20-40 ft Containers for Construction Site • Bridge bearing / Expansion Joints • Curb stone & block machine
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Message from CEO

This has been my great pleasure to lead an organization that is bringing a revolutionary concept of a construction mart to cater the needs of construction sector in Nepal. Our core value is to provide the right solutions but not just sell the products. With all types of construction related machinery and materials under one roof, we are ready to solve the supply chain related issues of construction sector. In addition to this, we ensure that the products we represent are best value for your money.

With my own experience of running one of the largest construction companies in Nepal, I can assure you that you will receive the best product with fastest service. I want to make sure that every single of our customer shall have trust in our products both before buying and during it's operation. Your machines are our products and we will strive on reducing your machine downtime to zero to minimum through our competent service team and planned inventory of spare parts.

Our portfolio of products have been fully tested and implemented in construction industries for long time. With this portfolio, you can relax and let the decision making and selecting of right products to us.

Regards,

Raman Mahato
Founder and CEO
Raman General

One stop Many Solutions

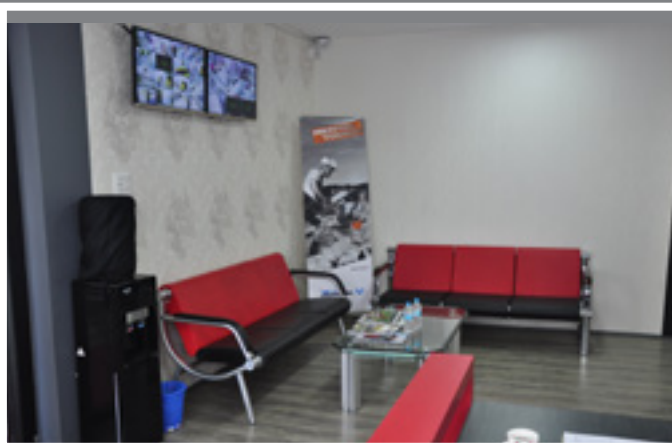
Company Overview

Raman General has been established as a reputable business firm specializing in imports, exports and supply of construction equipments & materials as per the demand of customers. It has been providing world class construction equipments and materials to its' business customers. The company started its journey from 2004 by providing satisfying solutions to construction Industry.

It acts as an authorized body for many national and multinational companies in Nepal. The company now represents as a holding company that owns many other companies such as Raman Motors, Raman Petroleum, Raman Cements, and Raman Investment. Raman General also manufactures its' own lubricants under Raman Lubricants brand, and it has its' own brand of machines under Raman General Machine (RGM).

Vision:

To be Nepal's premier construction equipment and materials supplier of all kinds by providing quality products, excellent after sales service and customer satisfaction, evolving in various industry domain from automobiles, petroleum and related product segment.



Marketing & Sales Department



Mission:

- ▶ To make our clients successful, while creating sustainable relationship by providing uncompromising quality and safety standard products.
- ▶ To create a culture that excites our people in pursuit of excellence through innovation, differentiation and continue learning by effective policy implementation.
- ▶ To provide quality equipments and materials following excellent after sales service and customer satisfaction.
- ▶ To uphold Raman General's cherished values of contributing to society to improve the quality of life.

Values:

- Innovation, Sustainability, and Development
- Excellent organizational Culture
- Teamwork
- Customer Satisfaction/Good corporate Citizenship
- Humility and willingness to learn
- Ethics and Excellence
- Quality

Account & Audit Department



Finance / Procurement Department



Storage & Inventory Department



Janakpur Office & Yard





LiuGong, officially **Guangxi LiuGong Machinery Co. Ltd.**, is a Chinese multinational construction machinery manufacturing company headquartered in Liuzhou, China. It is the world's 10th-largest construction equipment manufacturer by market share and the world's largest manufacturer of wheel loaders.

LiuGong was founded in 1958 in Liuzhou. Its products include wheel loaders, bulldozers, skid steer loaders, forklifts, motor graders, excavators, long reach excavators, rollers, truck mounted and crawler cranes, pavers, mini excavators, drilling machines, mining dump trucks, concrete equipment, and cold planners.

LiuGong manufactured China's first modernized wheel loader in 1966 and in 1976 produced its first articulated and oversized wheel loaders. In 1993, it became China's first publicly traded construction equipment company. Then, to take advantage of western technologies, it entered into a joint venture with the German transmission manufacturer ZF in 1995, a partnership that continues today. In 2000, LiuGong acquired Jiangyin Roller Company, and soon after, continued to expand its product offering to include a total of 12 different product lines. These lines include a full array of construction equipment and specialized machines such as materials handling equipment and mobilized cranes. Today, LiuGong offers 14 different product lines.



CPCD20|CPCD30|CPCD35

Diesel Pneumatic Tire Forklifts



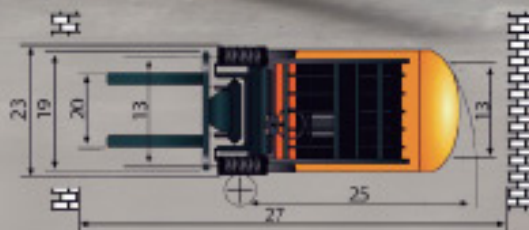
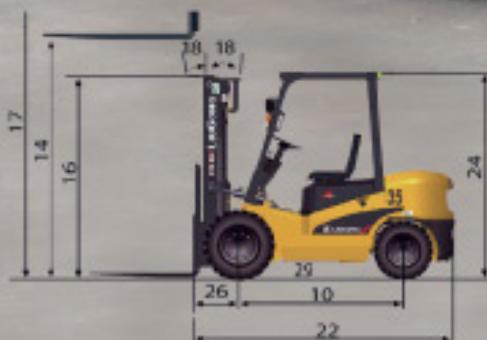
This forklift can be used to move materials around warehouses, storage yards, factories, construction sites and other work sites. The lifting mechanism is Hydraulically operated and controlled.

An ergonomic design was designed with the driver needs in mind. The machine's chassis supports a cushion-mounted operator's compartment to isolate the driver from vibration. Coupled with the available full-suspension seat and seat-side hydraulic controls, these features improve operator productivity and minimize fatigue.



CPCD 30

CPCD 35



SPECIFICATIONS >>>

General	1	Model			CPCD20	CPCD30	CPCD35
	2	Power Type			Diesel	Diesel	Diesel
	3	Base Capacity	Rated load center	kg	2,000	3,000	3,500
	4	Load Center		mm	500	500	500
Systems	37	Engine	manufacturer		Xinchai	Xinchai	Xinchai
	38		model		A498BPG	A498BPG	A498BPG
	42		rated power	kW/rpm	45/2500	36.8 / 2,650	36.8 / 2,650
Mast	14	Max. Fork Height	with std 2 - stage mast	mm	3000	3,000	3,000
	21	Fork Dimensions	TxWxL	mm	45 x 100 x 1070	45 x 122 x 1,070	50 x 122 x 1,070
Chassis	25	Turning Radius	minimum outside	mm	2,190	2,400	2,435

915D Excavator

TOUGH WORLD. TOUGH EQUIPMENT.

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MADE IN INDIA



The 915D is provided by the Cummins B3.9-C diesel, delivering the highest gross power in class, exceptional reserve torque and low fuel consumption.

A high-capacity oil pump provides for superior lubrication on tough side-hill operations – for added peace of mind and extended service intervals. The 10-speed throttle range covers a broad range of work modes, keeping power and fuel efficiency in proper balance. The engine is Tier III rated for low emissions.

The machine's X-beam undercarriage features monolith construction, rather than welds, for superior strength and durability. Frame height is increased by 8% for additional workplace reliability.

When it comes to operator comfort and efficiency, nobody outsmarts Liugong. And the 915D is a prime example. The cab is 1,008 mm wide, making it one of the most spacious in the industry. The transparent reinforced glass windshield features a wide arch for better vision. A silicon oil damping cab mounting system greatly reduces vibration in the cab, especially to the ergonomic full suspension seat. And the multi-function large-screen color monitor gives the operator simple, accurate information at a glance. Plus, the air conditioning outlets are fully adjustable to fit the needs and comfort preferences of the operator.

Service points are simple, intuitive and accessible. Liugong excels at making regular maintenance easy. Filters, coolant reservoirs and battery can all be reached at ground level through the left door. Main electrical components are grouped in the cab, rather than outside, for simple and efficient maintenance checks.

The 915D is available with a range of options and attachments — including buckets, blades, arms, couplers and hydraulic breakers — to match a broad range of general and light-purpose applications.



915D SPECIFICATIONS >>>



ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Cummins
Model	B3.9
Gross Power	86 kW (115.3 hp) @ 2,200 rpm
Net Power	80.2 kW (107.5 hp) @ 2,200 rpm
Peak Torque	447 N · m @ 1,500 rpm
Number of Cylinders	4
Displacement	3.9L

TRACK DRIVE

Maximum Travel Speed	5.4 km/h
Drawbar Pull	124 kN

UNDERCARRIAGE

Shoe Width	600 mm
Number of Shoes per Side	45
Number of Upper Rollers per Side	1
Number of Bottom Rollers per Side	7

HYDRAULIC SYSTEM

Main Pumps Total Flow	240 L/min
Relief Pressure, main	31.9 Mpa

SWING SYSTEM

Swing Speed	12.9 rpm
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REFERENCE ARM

Arm Length	2500 mm
Arm Breakout Force, max, ISO	60.4 kN

WORKING RANGES

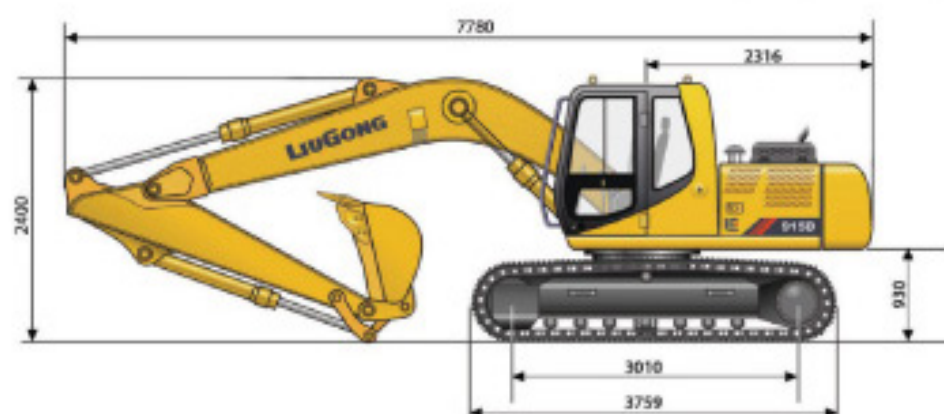
Maximum Dig Depth	5,470 mm
Reach at Ground Level	8,215 mm
Depth of 8' Level Bottom	5,255 mm
Maximum Dig Height	8,765 mm
Dump Height	6,305 mm
Maximum Dig Depth of Vertical Wall	4,810 mm

BUCKET PERFORMANCE

Standard Bucket Heaped Capacity (Referenced)	0.55 m ³
Minimum Heaped Capacity of Bucket Options	0.36 m ³
Maximum Heaped Capacity of Bucket Options	0.73 m ³
Bucket Breakout Force, max, ISO	83.5 kN

SERVICE CAPACITIES

Fuel Tank	266 L
Engine Oil	14 L
Cooling System	20 L
Hydraulic Reservoir	120 L
Hydraulic System Total	200 L



Unit: mm



922D HD EXCAVATOR

TOUGH WORLD. TOUGH EQUIPMENT.

LIUGONG
MADE IN INDIA

LiuGong's new 922D production class crawler excavator offers an electronically controlled, turbocharged **Cummins 6-cylinder 142 net horsepower Tier 3 engine**, and is the perfect workhorse for road and highway applications. The 922D arrives with a standard **1.31 cubic yard capacity, 43-inch wide bucket**.

At the touch of a button, LiuGong's new power boost feature instantly increases the excavator's digging force up to 10-percent for 10 seconds, then resets back to normal functions awaiting the next task. The inbuilt CAPC also allows the operator to select optimal power levels for peak performance capacity with the best fuel economy. Fuel consumption, emissions and noise are supplemented by LiuGong's auto-idle function that automatically lowers the excavator's engine speed if there is no operation detected for 5 seconds, or the operator can choose the one-touch decal function.

Our Satisfied Customers:

C.A.B Construction Pvt. Ltd., Kathmandu

Om Infrastructures Pvt. Ltd., Nawal

Five Star Construction Pvt. Ltd., Butwal

Apex Construction Pvt. Ltd., Kathmandu

Mahaveer Engineering Pvt. Ltd., Kathmandu

Bhumi Construction Pvt.Ltd., Biratnagar

ENGINE

Model	Cummins QSB 7
Type	6-cylinder, 4-stroke, in line, water-cooled, turbocharged, diesel engine.
Gross Power	120 kW(161 hp) @ 2,100 rpm
Net Power	117 kW(157 hp) @ 2,100 rpm
Maximum Torque	658 N·m @1,300 rpm
Bore x Stroke	107 x 124 mm
Displacement	6.7 L

DRIVE AND BRAKES

Driven by a one-piece two-gear piston hydraulic motor and reducer with small volume and strong traction; the motor and hydraulic pipelines are hidden in the track mechanism to prevent damage from rugged road surfaces; parking brake and shock-absorbing valve are installed inside the motor, ensuring stable travelling and parking as well as reliable braking.

Max. Travel Speed	High: 4.9 km / h Low: 2.9 km / h
Gradeability	35°(70%)
Drawbar Pull	195 kN

SWING SYSTEM

The high- torque piston swing motor, with integral spring set, and automatic hydraulic release swing brake, is bolted directly to the swing reduction planetary swing gear box. The swing brake automatically resets for safer operation within five seconds of the swing function lever being brought to neutral. This insures safe travel and parking conditions.

Swing Speed	12 rpm
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HYDRAULIC SYSTEM

Main Pump	Two variable displacement piston pumps
Main Pumps Total Flow	2 × 210 L/min
Relief Pressure, main	33.3 MPa

UNDERCARRIAGE

Center Frame	X-Frame
Track Adjustment	Hydraulic
Number of Carrier Rollers	2 each side
Number of Track Rollers	8 each side
Number of Idler Rollers	1 each side
Number of Shoes	49 each side
Width of Track Shoes	600 mm

ELECTRICAL SYSTEM

System Voltage	24 V
Batteries	2 x 12 V

SERVICE CAPACITIES

Fuel Tank	412 L
Engine Oil	25 L
Final Drive (each)	5.5 L
Swing Drive	3.4 L
Cooling System	30 L
Hydraulic Reservoir	230 L
Hydraulic System Total	330 L

OPERATING WEIGHT (≈)

The operating weight includes 5,680 mm boom, 2,400 mm arm, SAE heaped 1.0 m³ bucket, 600 mm shoes, operator, lubricating oil, cooling liquid, full fuel tank, and standard configuration.

Shoe Ground Pressure	0.0458 MPa
Operating Weight	22,000 kg



Sales



Service



Warranty



Spare

939 E Excavator

TOUGH WORLD. TOUGH EQUIPMENT.

LIUGONG
MADE IN INDIA



The 939E model is equipped with a fuel-efficient world-class Cummins QSL9 engine, which is further complemented by a Cummins-patented turbocharger. This varies airflow to precisely match engine and load demand, resulting in optimal performance. It has six selectable working modes, Power, Economy, Fine, Lifting, Breaker and Attachment to optimise performance and fuel consumption in every situation. The advanced IPC (Intelligent Power Control) system makes full use of engine oil consumption characteristics, matching the engine-hydraulic

pump to achieve high efficiency and economical fuel consumption. Proven negative flow hydraulics optimise the main control valve, improving the speed of the cylinders' front end while decreasing the hydraulic system's damper loss, leading to enhanced working efficiency. The pilot valves match up with the main control valve to offer more precise control. The boom and arm support structures are designed with large cross-sectional areas and one-piece steel castings to guarantee their long-term durability and high resistance to bending and torsional stress.



LED LIGHTS



FUEL FILL PUMP



ATTACHMENT PIPING



FOPS & ROCK GUARD



REARVIEW CAMERA



SAFETY VALVE

939E SPECIFICATIONS >>>



ENGINE

Make	Cummins
Model	QSL9
Gross output	232 kW (311 hp) @ 2,200 rpm
Net output	214 kW (286.9 hp) @ 2,200 rpm
Displacement	8.3 L
Aspiration	Turbocharger & Aftercooled
Number of cylinders	6
Peak torque	1343 N·m @ 1600 rpm
Bore x Stroke	114 x 145 mm

HYDRAULIC SYSTEM

Main Pump

Type	Two variable displacement piston pumps
Maximum flow	2 x 300 L/min

Pilot Pump

Type	Gear pump
Maximum flow	19 L/min

Relief Valve Setting

Implement	34.3 / 37.3 MPa
Travel circuit	34.3 MPa
Slew circuit	26.2 MPa
Pilot circuit	3.9 MPa

Hydraulic Cylinders

Boom Cylinder - Bore x Stroke	Φ140 x 1505 mm
Stick Cylinder - Bore x Stroke	Φ170 x 1785 mm
Bucket Cylinder - Bore x Stroke	Φ145 x 1220 mm

DRIVE AND BRAKES

Description

Driven by a one-piece two-gear piston hydraulic motor and reducer with small volume and strong traction, the motor and hydraulic pipelines are hidden in the track mechanism to prevent damage from rugged road surfaces, parking brake and shock-absorbing valve are installed inside the motor, ensuring stable travelling and parking as well as reliable braking.

Max. travel speed	High: 5.5 km/h Low: 3.4 km/h
Gradeability	35° (70%)
Max. drawbar pull	320 kN

UNDERCARRIAGE

Tracks hoe each side	48
Link pitch	216 mm
Shoe width, triple grouser	600 / 700 / 800 / 900 mm
Bottom rollers each side	9
Top rollers each side	2

SWING SYSTEM

Description

The high-torque piston swing motor, with integral spring set, an automatic hydraulic release swing brake, is bolted directly to the swing reduction planetary swing gear box. The swing brake automatically resets for safe operation within five seconds of the swing function lever being brought to neutral. This ensures safe travel and parking conditions.

Swing speed	10 rpm
Swing torque	111000 N·m

SERVICE CAPACITIES

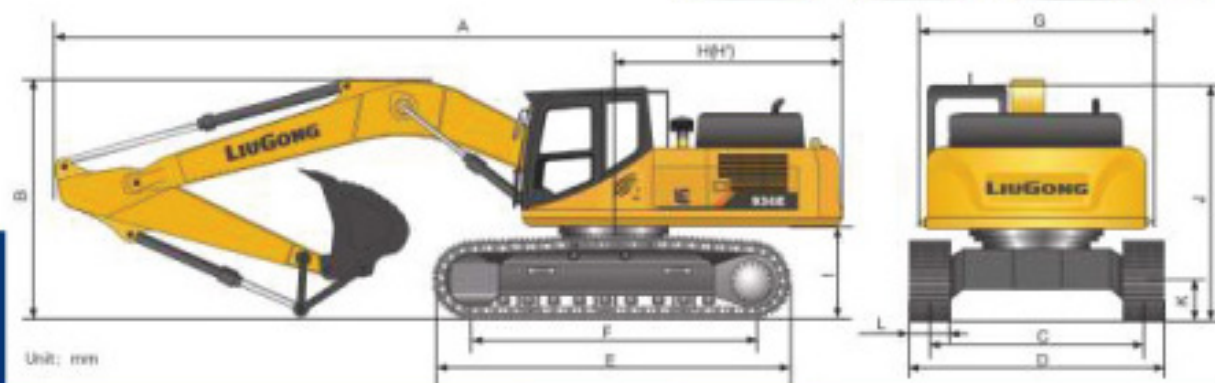
Fuel tank	620 L
Engine oil	26 L
Final drive (each)	9.5 L
Swing drive	10.5 L
Cooling system	35 L
Hydraulic reservoir	240 L
Hydraulic system total	450 L

ELECTRIC SYSTEM

System voltage	24 V
Batteries	2 x 12 V
Alternator	24 V-70 A
Starter motor	24 V-7.8 kW

SOUND PERFORMANCE

Interior sound level (ISO 6396)	76 dB(A)
Exterior sound level (ISO 6395)	109 dB(A)



818C Wheel Loader

TOUGH WORLD. TOUGH EQUIPMENT.

LIUGONG
MADE IN INDIA



Our
Satisfied
Customers

01 Raman Construction Pvt.Ltd
Janakpur

02 Bikash And Brothers Construction
Janakpur

848 C Wheel Loader used in construction to move aside or load construction materials onto another type of machines.

High configuration and advanced technology

Featuring YJ280 single phase torque converter and BD05 counter shaft-type power shift transmission, the CLG818C BSIII offers big traction force with high reliability. The accurate matching of the torque converter and the engine ensures high speed and low fuel consumption.

Spacious, comfortable operator station

The machine features with large area cab glass allowing the operator clear vision of sight to the working environment. Safe and easy entry to cab is possible from both sides via full height access

doors. The cab greatly reduces both vibration and sound levels, which eases the operator's fatigue

Best in class Productivity

Liugong 818 is a versatile machine due to its usage in different application like in hot mix plant, Batching plant, Glass industry, Paper mills, Scrap handling in steel plant, sugar mills & various crusher applications that offers unmatched benefits in terms of fuel efficiency. Pioneer in 2 Ton segment 818 has an advantage of fixing multiple attachments like coupler pallet fork, log grapple, coupler grapppler fork, 4 in 1 bucket, grass/scrap clamp, log clamp & coupler bucket.

818C SPECIFICATION >>>



ENGINE

Tier	BS III
Make	Kirloskar 4R1040TC
Gross Power	76 HP (56 KW) @ 2,200 rpm
Net Power	68 HP (51 KW) @ 2,200 rpm
Peak Torque	300 N·m @ 1,500 rpm
Displacement	4.1 L
Torque Rise %	23.40%
Number of Cylinders	4
Aspiration	Turbocharge

TRANSMISSION

Transmission Model	BD05L1
Transmission Type	Counter shaft-type power shift
Transmission Configuration	2F-2R
Torque Converter	3 Element-single stage, single phase
Maximum Travel Speed, fwd	28.1 km/h
Maximum Travel Speed, rev	10.1 km/h
Number of Speed, fwd	2
Number of Speed, rev	2

AXLES

Differential Front Type	Conventional only
Differential Rear Type	Conventional only
Axle Oscillation	11°

STEERING PUMP - EATON

Steering Configuration	Articulated
Steering Relief Pressure	14 MPa

BRAKES

Service Brake Type	Caliper
Service Brake Actuation	Air over hydraulic
Parking Brake Type	Shoe/drum
Parking Brake Actuation	Mechanical

HYDRAULIC SYSTEM

Main Pump Type	Gear Pump
Main Relief Pressure	18 MPa
Boom Lifting Time	4.46 sec
Dump Time	0.66 sec
Float Down Time	2.72 sec
Fastest Total Cycle Time	7.84 sec

LOADER PERFORMANCE WITH STANDARD BUCKET

Tipping Load	4,150 Kg
Full turn Tipping Load	3,671 Kg
Bucket Breakout Force	55.4 kN
Maximum Dump Angle at Full Height	45±1°
Maximum gradability	24°
Dump Clearance at Full Height Discharge	2,558 mm
Dump Reach at Full Height Discharge	845 mm
Maximum Hinge Pin Height	3,239 mm
Maximum Digging Depth, Bucket Level	40 mm
Bucket Rollback at Ground Level	45°
Bucket Rollback at Carry	51°
Bucket Rollback at Maximum Height	62°

BUCKET PERFORMANCE

Reference Bucket	1.0 m ³ General Bucket
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DIMENSIONS

Length with Bucket Down	5,907 mm
Width Over Tires	1,940 mm
Wheelbase	2,200 mm
Wheel Tread	1,520 mm
Ground Clearance	285 mm
Turn Angle, Either Side	38°
Rear Angle of Departure	24°
Turning Radius, Outside of Tire	4,208 mm
Turning Radius, Center of Tire	4,003 mm
Turning Radius, Bucket Carry	4,702 mm

TIRES

Tire Size	16/70-20
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OPERATING WEIGHTS

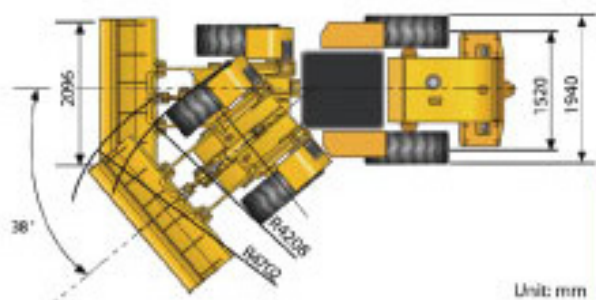
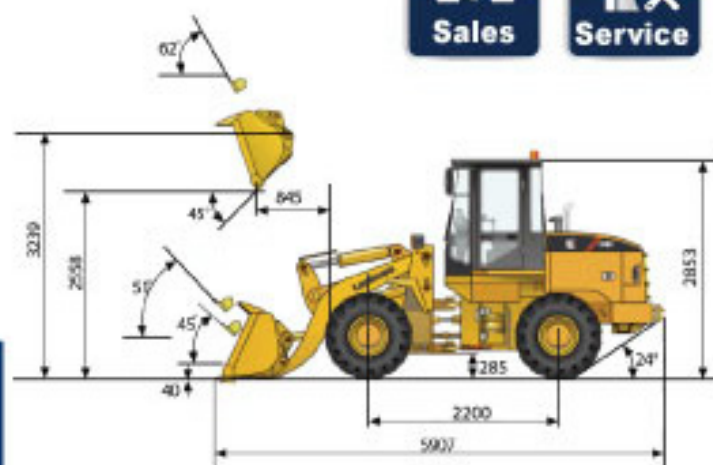
Operating Weight	5,640 kg
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SERVICE CAPACITIES

Fuel Tank	100 L
Engine Oil	12 L
Cooling System	21 L
Hydraulic Reservoir	78 L
Transmission and Torque Converter	20 L
Axles, each	8 L

*Std. = Standard

*LB. = Long Boom



Unit: mm

CLG 836 BSIII

Wheel Loader

TOUGH WORLD. TOUGH EQUIPMENT.

LIUGONG
MADE IN INDIA

LiuGong wheel loaders are **Reliable**, best in **Productivity**, less **Fuel Efficient** **versatile** and Provides best **Operator Comfort**.



CLG 836 BSIII Wheel Loader

The 6.7-litre six-cylinder, water-cooled, turbocharged engine enables a powerful digging performance, impressive travel speed and benefits from excellent fuel consumption.

Used in construction to move aside or load construction materials onto another type of machines.

Our
Satisfied
Customers

01 Raman Construction Pvt.Ltd
Janakpur

02 Bikash And Brothers Construction
Janakpur

CLG 836 BSIII SPECIFICATIONS >>>



ENGINE

Tier	BS III
Make	DEUTZ WEICHA
Model	WP6G125E310
Rated Power	92 kW @ 2,200 rpm
Peak Torque	515 N.m @ 1,500 rpm
Displacement	6.7 L
Number of Cylinders	6
Aspiration	Turbocharged

TRANSMISSION

Transmission Type	Planetary Hydraulic Shift
Transmission Configuration	Planetary
Torque Converter	Four-member double turbine
Maximum Travel Speed, fwd	35 km/h
Maximum Travel Speed, rev	14.5 km/h
Number of Speeds, fwd	2
Number of Speeds, rev	1

AXLES

Differential Front Type	Fixed
Differential Rear Type	Oscillating
Axle Oscillation	11°

STEERING

Steering Pump Type	Gear
Steering Configuration	Articulated
Steering Relief Pressure	14.7 Mpa

BRAKES

Service Brake Type	Caliper dry disc
Service Brake Actuation	Air over hydraulic
Parking Brake Type	Air Over Hydraulic
Parking Brake Actuation	Manual

HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	17 MPa
Raise	4.8 sec
Dump Time	1.2 sec
Float Down Time	2.6 sec
Fastest Total Cycle Time	8.4 sec

LOADER PERFORMANCE WITH STANDARD BUCKET

Tipping Load	7,200 kg
Full turn Tipping Load	6,500 kg
Bucket Breakout Force	100 kN
Maximum Dump Angle at Full Height	45°
Dump Clearance at Full Height Discharge	2,910 mm
Dump Reach at Full Height Discharge	1,072 mm
Maximum Hinge Pin Height	3,740 mm
Maximum Digging Depth, Bucket Level	42 mm
Bucket Rollback at Ground Level	43°
Bucket Rollback at Carry	50°
Bucket Rollback at Maximum Height	63°

BUCKET CAPACITY

General Purpose	1.7 m³
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DIMENSIONS

Length with Bucket Down	6,890 mm
Width Over Tires	2,480 mm
Wheelbase	2,870 mm
Wheel Tread	1,850 mm
Ground Clearance	322 mm
Turn Angle, Either Side	40 °
Maximum Gradeability	30°
Turning Radius, Outside of Tire	5,173 mm
Turning Radius, Center of Tire	5,394 mm
Turning Radius, Bucket Carry	5,674 mm

TIRES

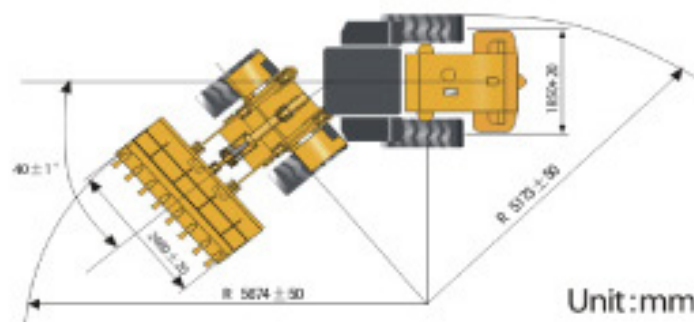
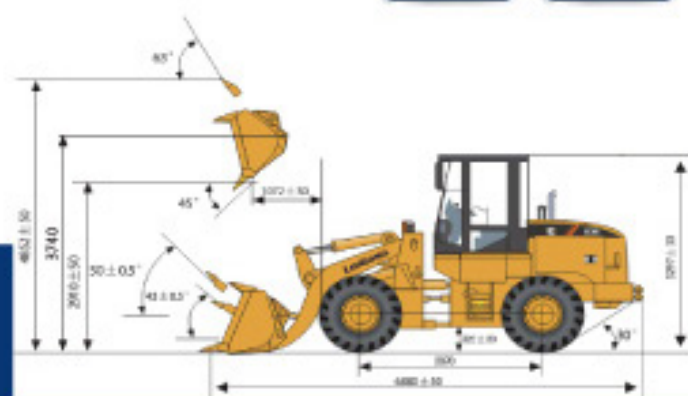
Tire Size	17.5 - 25 m³
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OPERATING WEIGHTS

Operating Weight	10,300 kg
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SERVICE CAPACITIES

Fuel Tank	150 L
Engine Oil	13 L
Cooling System	28 L
Hydraulic Oil Tank	130 L
Transmission and Torque Converter	45 L
Axles, each	20 L



Unit:mm

CLG 414 BSIII

MOTOR GRADER

TOUGH WORLD. TOUGH EQUIPMENT.



Our satisfied customers

- 01 Mahaveer Engineering Pvt.Ltd, Lalitpur
- 02 Bhumi Construction Pvt.Ltd., Biratnagar
- 03 Apex Construction Pvt.Ltd., Kathmandu
- 04 S&B Builders, Janakpur



Motor grader comes in handy when soil needs to be graded, construction and maintenance of dirt and gravel roads. In construction of paved roads they are used to prepare the base course to create wide surface upon which to place the asphalt.

World-class Cummins engine with high power and low fuel consumption | Scraping knife has 360 degree rotation, 90 degree right/left lateral adjustment, and 40-70 degree penetration for leveling, trenching, ditching, wall scraping and more | LiuGong designed suction cooling system has better cooling, lower wind sensitivity and is less impacted by dirt than normal systems | 2nd Highest Selling Motor Grader brand in India.



CLG 414 BSIII SPECIFICATIONS >>>



ENGINE

Emission Regulation	BS III
Make	CUMMINS INDIA
Model	6BTA5.9
Gross Power	112 kW @ 2,200 rpm
Net Power	106 kW @ 2,200 rpm
Peak Torque	656 N.m @ 1,500 rpm
Torque Rise %	25%
Number of Cylinders	6
Aspiration	Turbo charged

TRANSMISSION

Transmission Make	Hangzhou
Transmission Model	6 YD 130
Transmission Type	Power Shift
Maximum Travel Speed, fwd	41 km/ hr
Maximum Travel Speed, rev	29 km/ hr
Number of speed, fwd	6
Number of speed, rev	3

AXLES

Rear Axle Make	Meritor
Rear Axle Model	XPRC 1334 H033
Differential Type	Limited Slip Standard
Final Drive Type	Chain Drive
Front Axle Type	All welded steel frame
Front Axle Wheel Lean Angle	Left/ Right 17°
Rear Axle Oscillation	±15°

STEERING

Steering Configuration	Full hydraulic steering
Steering Relief Pressure	17MPa
Steering Pump Type	Gear Pump
Minimum Turning Radius	7,200 mm
Steering Angle	±45°
Frame Articulation Angle	±20°

BRAKES

Service Brake Type	Shoe
Service Brake Actuation	Hydraulic
Parking Brake Type	Shoe
Parking Brake Actuation	Mechanical

TIRES

Tire Size	13.00 - 24, G-2, 12 PR
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HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	18 Mpa

WORKING CAPACITIES

Maximum Draw Pull	65 kN
Cutting Pressure	5,500 kg

TANDEM DRIVE PERFORMANCE

Thickness, Inner Wall/ Outer Wall	20 mm/ 20 mm
Centre Distance	1,540
Oscillating Distance	±15°
Height	580 mm

MOLDBOARD PERFORMANCE

Bank Cut Angle	40-70°
Moldboard Lift Above Ground	460 mm
Mold board slide shift, right/ left	650/520 mm
Maximum sloping angle	90°
Blade Maximum Depth in ground	600 mm
Circle Diameter	1,265 mm
Circle Thickness	120 mm

DIMENSIONS

Wheel Base	5,900 mm
Overall Length	8,340 mm
Overall Height with Cab	3,370 mm
Clearance under Front Axle	570 mm
Mold board standard Width	3,660 mm
Mold board standard thickness	19 mm
Mold board standard Height	610 mm

OPERATING WEIGHTS

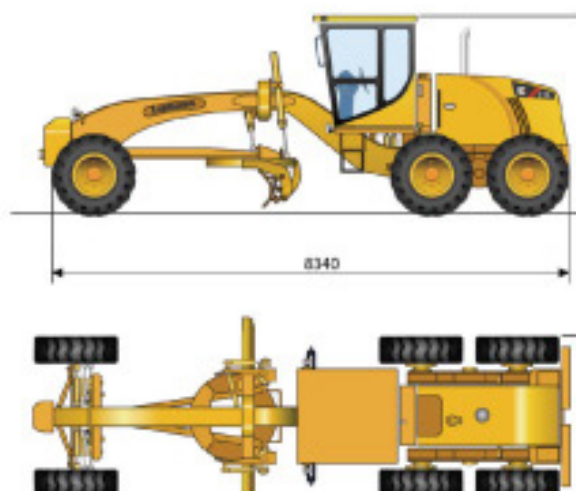
Operating Weight	12,400 kg
On Front Wheels	3,250 kg
On Rear Wheels	9,150 kg

SERVICE CAPACITIES

Fuel Tank	250 L
Crank Case	16 L
Cooling System	40 L
Hydraulic System	186 L
Transmission and Torque Converter	45 L
Tandem	2 X 23 L

SERVICE CAPACITIES

Optional Equipment	Rear Ripper
	Front Dozer
	Automatic Leveling System
	Scarifier



6212E ROLLER

TOUGH WORLD. TOUGH EQUIPMENT.



LIUGONG

MADE IN INDIA

The Tandem Roller is used to **smooth out** and **compact asphalt** or **blacktop** before it **cools** and **hardens**.



The steel drums or rollers which the machine rides on are often cooled with a stream of water in order to prevent the pavement from sticking to the rollers. The tandem roller is a machine which requires skill in operating to assure that each pass slightly overlaps the pass prior to it. By overlapping each pass, the roller operator is able to maintain a uniform thickness to the surface and avoid any dips or high-spots.

Liugong Tandem Rollers with excellent compaction weight and 67HZ high frequency vibration, forms smooth road surface due to the nearer impact distance, and improve the operation efficiency. It is the best choice for thin paving compaction and high-level road compaction. The application of uniform compaction greatly improves the compaction quality and compaction uniformity.

ENGINE

Emission Regulation	Tier 3 / Stage III
Make	Cummins
Model	QSB4.5
Gross Power	113 kW (152hp) @ 2,200 rpm
Peak Torque	549 N · m
Number of Cylinders	4
Aspiration	Turbo-air-to-air aftercooled
Cooling Type	Water

ELECTRICAL SYSTEM

System Voltage	24 V
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DRIVE TRAIN

Theoretical Gradeability, without/ with Vibration	40%
Transmission Type	Hydrostatic
Maximum Speed, fwd	12 km/h
Inside Turning Radius	<4,640mm
Outside Turning Radius	<6,770 mm

AXLES

Steering System	Hydraulic
Steering Method	Articulation
Steering Angle	±35°
Steering Relief Pressure	16 MPa

BRAKES

Service Brake Type	Hydraulic
Service Brake Actuation	Hydraulic
Parking Brake Actuation	Mechanical apply, hydraulic release

HYDRAULIC SYSTEM

Main Pump Type	Piston pump + Piston pump
Main Relief Pressure	42 +35 MPa

PERFORMANCE

Static Linear Front Drum Load	293N/CM
Number of Vibrating Drums	2
Nominal Amplitude Range	0.75 / 0.4 mm
Vibration Frequency Range	50 / 45 Hz (67/50Hz)
Centrifugal Force Range	145/85kN (159/ 103 kN)
Number of Amplitude Settings	2

OPERATING WEIGHTS

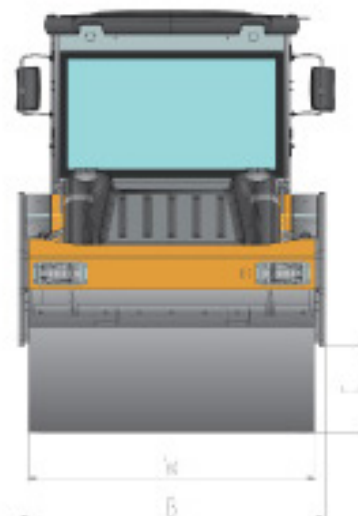
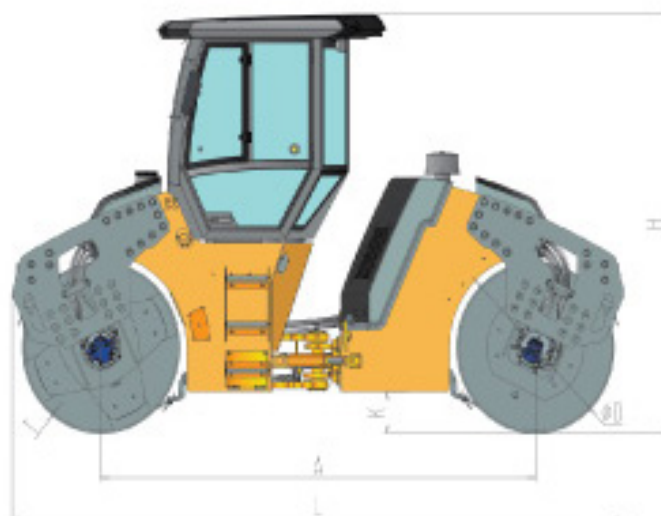
Operating Weight with Ballast	12,500 kg
Weight on Front Drum	6,250 kg
Weight on Tires	6,250 kg

SERVICE CAPACITIES

Fuel Tank	220 L
Engine Oil	12 L
Cooling System	22 L

OPTIONAL EQUIPMENT

Rotary Beacon
Compaction Meter
GPS
A=3585mm T=18mm K=320mm v φ D=1300mm H=3170mm
L=5050mm C=650mm W=2130mm B=2280mm



Sales



Service



Warranty



Spare



SD15

Hydraulic Rotary Drilling Rig

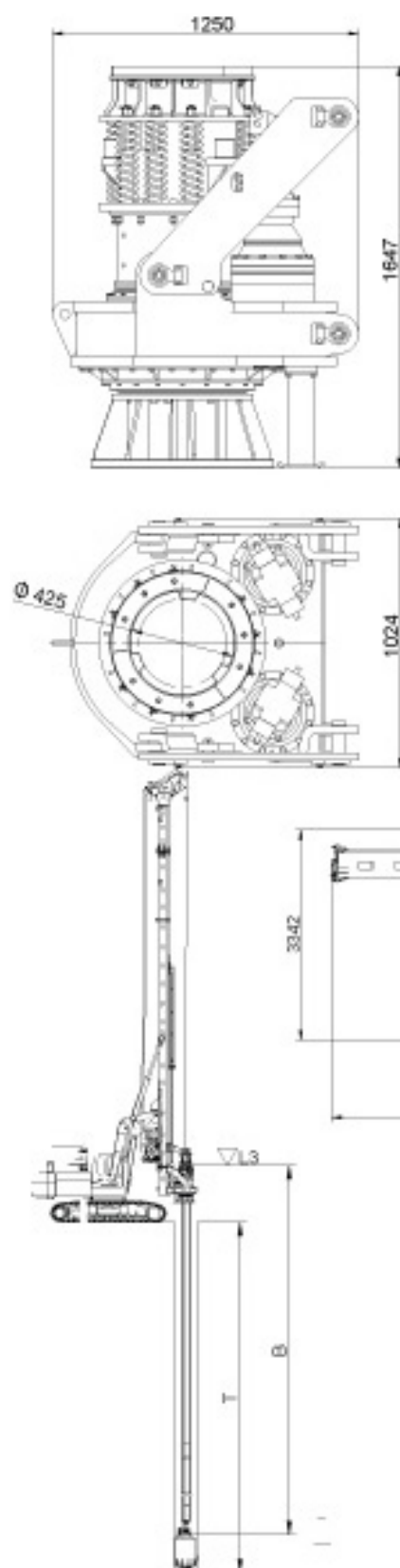
SD15 Hydraulic Rotary Drilling Rig, its main performance reaches advanced level of its same kind in the world. Its key parts use world famous products. It can be flexibly operated and has high efficiency, widely used in the constructions of tall buildings, bridges and industries. It is the ideal equipment for foundation projects of small and middle sized diameters.

- Length of drilling bit 1.7m
- Drilling depth for locked kelly bars to be reduced by number of kelly sections multiplied by 0.2m
- Others Kelly bar of different lengths could be available on request
- Weight of kelly bar + bit must be checked for sufficient winch capacity
- Appropriate kelly type to be selected according to depth, torque and crowd pressure



SD15 Technical Data of SD15 Hydraulic Rotary Drilling Rig

Base Machine



Engine

Diesel	6BTAA5.9-C
Diesel engine power(kW)	133
Max. rotation speed (rpm)	2000

Hydraulic system

Maximum hydraulic system flow (L/min)	2 x 230
Maximum hydraulic pressure(Mpa)	33

Rotary head

Rotary torque (kN.m)	150
Rotary speed (r/min)	8-30

Chassis

Extendable chassis lower part	JT45
Width of triple grouser track shoes (mm)	700
Chassis length (mm)	5090
Chassis width (contraction/extension) (mm)	3100-4200
Towing force (kN)	280
Crawler speed (km/h)	1.5

Transport Weight

Transport Weight(kg)	45500
Wherein: counter weight(kg)	9550



Drilling parameter

Dimensions(mm)	SD15	SD15W
L1	17800	17800
L2	6500	12880
L3	2500	2880
Drilling diameter(mm)		
uncased	1500	1200
cased	1000	1000
Length of case(m)		
W/O oscillator	H-0.6	H-0.6
With oscillator	H-1.8	H-1.8



6516E ROLLER

TOUGH WORLD. TOUGH EQUIPMENT.

LIUGONG
MADE IN INDIA



This machine is very important to ensure perfect road paving job. The compaction when done using this roller is devoid of potholes, unnecessary clearings and maximizes road density. This roller ensures smoothness of the constructed road.

Pneumatic Roller particularly in the construction of roads is very necessary to avoid timely road damages, pot holes, road breakage as a result of poor construction of the roads. In other word using Pneumatic Roller for road construction is to ensure:

- Maximized road density
- High performance and efficiency; no unnecessary clearances
- Hit mats at the optimal temperatures
- Ensure complete coverage and smoothness
- Simplify night-time operation

ENGINE

Emission Regulation	Tier 3 / Stage III
Make	Cummins
Model	QSB4.5-C130
Gross Power	97 kW (130 hp) @ 2,200 rpm
Net Power	88 kW (118 hp) @ 2,200 rpm
Peak Torque	622 N · m
Number of Cylinders	4
Aspiration	Turbocharged
Cooling Type	Water

TIRES

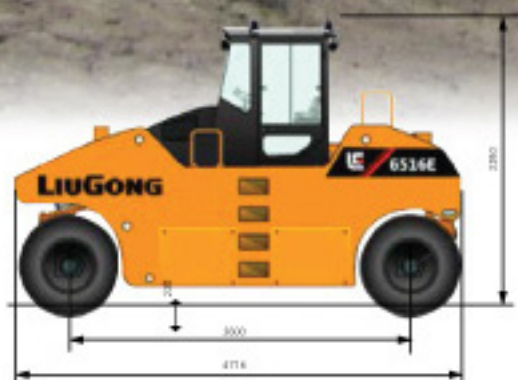
Tire Size	11.00 - 20 -16 PR
Tire Tread	G - 18

HYDRAULIC SYSTEM

Main Pump Type	Sauer
Main Relief Pressure	35 MPa

OPERATING WEIGHTS

perating Weight with Ballast	16,000 kg
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Sales



Service



Warranty



Spare

TAKEUCHI

TB235

FULL HYDRAULIC COMPACT EXCAVATOR

Machine Weight : 3605kg



Takeuchi Mfg. Company Ltd was established in 1963, in Nagano, Japan. In 1971 Takeuchi began initial production of the world's first Compact Excavator. The power house manufacturer of mini excavators, Takeuchi excavators have gained a worldwide reputation for quality and reliability in earthmoving machinery. Very dependable excavators built for the rigorous demands of construction, civil engineering, agriculture and plant hire. Positioned in the middle of the compact range, these machines go where bigger machines cannot and dig and lift what smaller units are unable to do. Compact excavators are displacing other equipment in contractor fleets as they find that

the combination of a compact excavator and skid steer loader can substitute nicely for a backhoe loader. With capacity of manufacturing 1,200 machines in a month, Takeuchi has been able to establish its presence all over the globe. We Raman General Pvt. Ltd have brought this product to market of Nepal and educate contractors to use mini excavators in areas where there is need of versatility in small spaces. Takeuchi excavators offer power, precision and high performance, with 27 machine models to choose from 1180kg up to 15,860kg including: Micro, Mini, Midi, Short-tail, Hybrid, and Offset Boom & Wheeled.

Takeuchi's Guiding Principle- **S**TRENGTH **C**OMFORT



EASE OF OPERATION

Heavier Counterweight is equipped as standard specification. It improves the Machine's operating stability with not only the Long Stick Arm (LSA) but also the Standard Arm. No extra counterweight needed.



Hydraulically Adjustable Track Frame Provides the best-in-class track frame Width in the widest position for greater stability When operating. The retractable track frame gives the operator ability to pass through the narrow openings and to move in confined areas.



Option

Boom/Arm Holding Valve
when activated stops the boom/arm from accidental fall.

Control Lever Pattern Selector
Provides the ability to select suitable control lever patterns.

Steel Tracks
Travel Alarm
Battery Switch
Breaker

Double Element Air Cleaner
Long Stick Arm
Stop Valve for Breaker



Environmental Sensitivity

Emission Compliant Diesel Engine (3TNV70) Significantly reduces noise emission levels for minimal Disturbance in urban areas and complies with the most Stringent worldwide exhaust emission standards including EPA Tier 4.



Highly Efficient Hydraulic Oil Filtration System Allows for extended hydraulic oil drain intervals of 4000 hours when Genuine Takeuchi Hydraulic Oils is used exclusively. This reduces maintenance cost the environmental impact Associated with used oil disposal.



Safety

Rops/Fops/ Tops Certified

(Cabin/Canopy)
Roll-Over Protective Structure/Falling Objects Protective Structure/Tip-Over Protective Structure
Console Safety Lockout Lever(s)
Disable travel and operating Controls for safe entry and exit of the machine.



Operator Comfort

Fully Adjustable Suspension Seat
Provides for long days of productive work with minimal operator fatigue
Radio with Auxilliary Jack for MP3 Player (Cabin)



TAKEUCHI

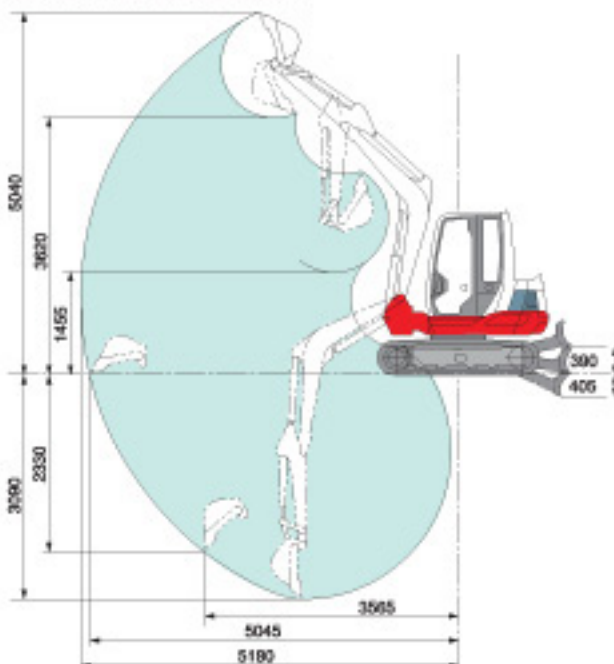
TB219

FULL HYDRAULIC COMPACT EXCAVATOR

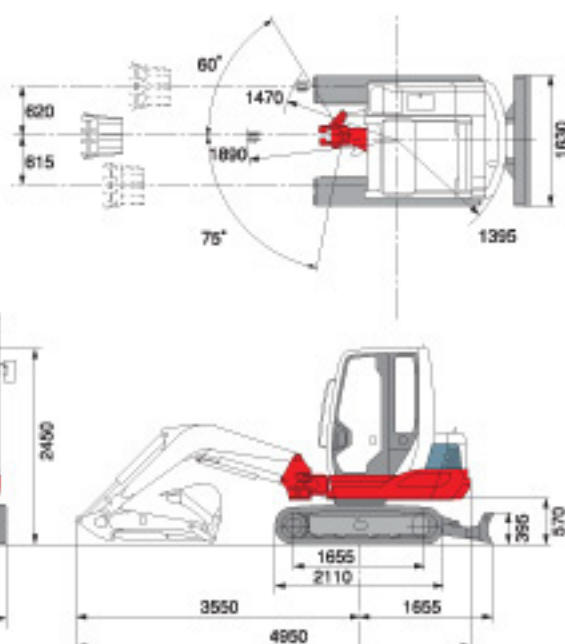
Machine Weight : 1995kg



OPERATING RANGES: mm



MACHINE DIMENSIONS: mm

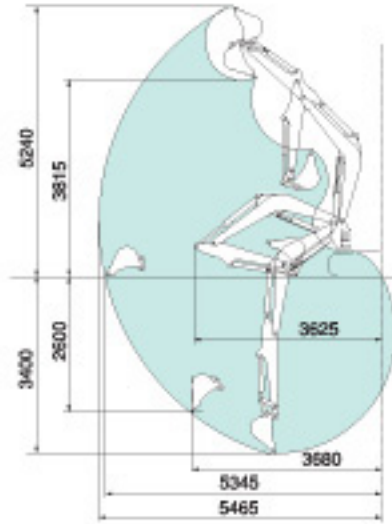
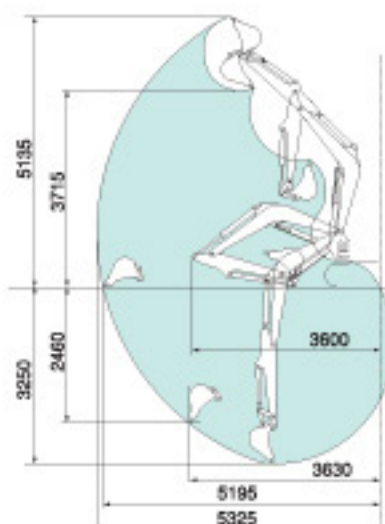


MIDDLE ARM

LONG ARM



TB235
FULL HYDRAULIC COMPACT EXCAVATOR



SPECIFICATIONS TB235 (Cab, Rubber Tracked, Standard Arm, Breaker Piping Standard)

Weight			Fuel Tank L			52.5			Set Pressure MPa			21.0 x 2 + 19.6 x 1 + 3.4 x 1			
Operating Mass(ISO6016) kg		Canopy 3465	Cabin 3605	Electric System			12V/40A			Discharge L/min		38.9 x 2 + 22.8 x 1 + 10.8 x 1			
			PERFORMANCE						Slew Motor			Piston Motor			
Bucket			Traction Speed km/h			2.6 / 5.0			Traction Motor			2-Speed Piston Motor			
Bucket Capacity (Heaped) m³		0.105 (Heaped)		Upper Slew Speed min⁻¹			10.2			Hydraulic Oil Capacity			35 (Level) / 67 (System)		
Bucket Width mm		540		Gradeability degrees			30°			SAFETY					
Diesel Engine (Water-Cooled)			Max Dig power Bucket kN			27			ROPS / FOPS (CABIN / CANOPY)			ROPS / FOPS			
Model		3TNV88		Max Dig power Arm kN			SSA: 18.3 MSA: 17.1 LSA: 16.0								
Cylinders / Type		3/4CYCL		Ground Pressure kPa			Canopy 26.8	Cabin 27.9				Option & Equipments			
Engine Power:KW(ISO 9248)		21.5/2,400 min⁻¹		OFF-SET DIG FUNCTION						Service Port 1 L/min/MPa		61.7 / 21.0 (Standard)			
Engine Power:KW(ISO 14396)		22.2/2,400 min⁻¹		Type			Boom Swing			Service Port 2 L/min/MPa		22.8 / 19.6 (Option)			
Engine Power:KW(SAE J1995)		22.5/2,400 min⁻¹		TRACTION SYSTEM						Service Port 3 Flow Rate(A / B) L/min		10.8 / 38.9 (Option)			
Maximum Torque N·m		98.6-107.4		Type			Rubber / Steel			Service Port 3 Pressure(A / B) MPa		3.4 / 19.6 (Option)			
Displacement mL		1642		HYDRAULIC SYSTEM						Vibration levels (EN 12096:1997)					
Engine Coolant L		8.7		Pump type			Variable x 2 + Gear x 2			Hand/Arm		≤ 2.5m/s²			
Engine Oil L		4.7								Body		≤ 0.5m/s²			



RGM

RAMAN GENERAL MACHINE



Work **Smarter** **Not Harder**

Raman General introducing its own brand for the first time in Nepal

This exciting product is a motorized wheel barrow and can be used to transport construction materials on sites. It can also be used in other material handling application both in rural and urban setting. Be it soil at a road project or groceries at Supermarket, this is a perfect material handling equipment.



www.ramangeneral.com

iBarrow RGM 300

Specifications



**4x4 / Hydraulic
Transmission**

Engine	Engine model	Hp	5.5
	Displacement	CM3	163
	Oil Capacity	L	0.6
Main Performance Parameters	Max Loading Capacity	Kg	300
	Travel Speed (max. & min.)	Km/h	4.8
	Max. Gradeability	°	30
	Liquid Capacity	L	170
Machine Specification	Front Wheels	cm	400-10
	Rear Wheels	cm	400-8

iBarrow RGM 250

Specifications



**4x4 Mechanical
Transmission**

Engine Type	4 stroke, 1 cylinder, OHV, air-cooled
Transmissions	Mechanical Transmission
Speeds	4 forward and 1 reverse
Capacity	6 cu.ft. (170L) or 250 kg
Brake	Disk
Cables	Protected
Wheels	Front 400 *10, 4 ply, rear 400 * 8
Drum Material	Hot dip galvanizing or Red Plastic spray
Unloading	Manual or Electric self Loading
Weight	121 kg



JCB

3DX SUPER | 4DX

ecoXcellence Backhoe Loaders

4X4



Fuel Efficient



Highest Return on Investment



Longlife JCB ecoMAX Engine



Spacious Cabin



Music System



AC Cool Comfort



Servo Controls

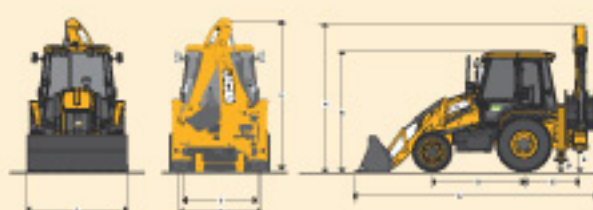
eco
XCELLENCE

3DX SUPER | 4 DX SPECIFICATION Super Power. Super Utility. Super Value.

PERFORMANCE DIMENSIONS



STATIC DIMENSIONS



EXCAVATOR PERFORMANCE		3DX Dig Depth	4DX Dig Depth
A Max. dig depth	m (ft-in)	5.05 (16-7)	5.38 (17-7)
B Reach-ground level to rear wheel centre	m (ft-in)	6.93 (22-9)	7.57 (24-10)
C Reach-ground level to slow centre	m (ft-in)	5.61 (18-5)	6.38 (20-12)
D Reach at full height to slow centre	m (ft-in)	2.85 (9-4)	2.18 (7-2)
E Side reach to centre line of machine	m (ft-in)	6.14 (20-2)	3.91 (12-10)
F Max. working height	m (ft-in)	6.01 (19-8)	6.25 (20-6)
G Max. load over height	m (ft-in)	4.25 (14-2)	3.98 (12-12)
H King post travel	m (ft-in)	1.06 (3-6)	4.44 (14-68)
I Bucket rotation - power	deg	185	185
Bucket tear out force	kgf	5,700	6,125
Dipper tear out force	kgf	2,600	3,963
Lift capacity to bucket pivot at full reach (no bucket fitted) (SAE J11) (Data with standard dipper)	kg	1,490	2,323
Standard bucket capacity	cu (cu ft)	0.20 (10.60)	0.32 (11-3)
Standard bucket width	m (ft-in)	0.82 (2-6)	0.79 (2-7)

LOADER PERFORMANCE		3DX Dig Depth	4DX Dig Depth
M Dump height	m (ft-in)	2.91 (9-7)	2.93 (9-7.3)
N Load over height	m (ft-in)	3.37 (11-1)	3.37 (11-1)
O Pin height	m (ft-in)	3.64 (11-11)	3.64 (11-11)
P Pin forward reach	m (ft-in)	0.41 (1-4)	0.41 (1-4)
Q Reach at ground	m (ft-in)	1.58 (5-2)	1.60 (5-3)
R Max. reach at full height	m (ft-in)	1.22 (4-0)	1.24 (4-1)
S Reach at full height - Bucket damped	m (ft-in)	0.96 (3-1)	0.93 (3-1)
T Below-ground level dig depth	m (ft-in)	0.15 (0-6)	0.13 (0-5)
U Rollback at ground	deg	43	43
V Dump angle	deg	41	41
Shovel break out force	kgf	6,600	6,100
Loader arm break-out force	kgf	4,550	5,000
Pay Load	kgf	1,650	3,050
Lift capacity at full height	kgf	3,050	1,800
shovel	cu (cu ft)	1.24 (2-4)	G.P. Shovel (1.2/4.2/3.7)





ISO 9001 / ISO 14001



ACE HAMMER

Straight from the Korea, Ace Hammer produced breakers are packed with power and strength. The ranges of breakers are suitable to use with all the class of excavators and backhoe loaders. With these breakers you can ensure more productivity.

Hydraulic Hammer



AF135

Excavator
18 ~ 24 Ton



AB75

Backhoe / Excavator
3.5 ~ 7.0 Ton



AB55

Mini Excavator
2.0 ~ 3.5 Ton



AB100

Excavator
12 ~ 18 Ton



AF160

Excavator
35 ~ 43 Ton



AF180

Excavator
44 ~ 60 Ton

Model	Scale	AF135	AB75	AB55	AB100
Tool Diameter	mm/Inch	135 / 5.3	75/2.9	53/2.1	100 / 3.9
Carrier/Excavator Weight	Ton	18 ~ 24	3.5 ~ 7.0	2.0 ~ 3.5	12 ~ 18
Operation Weight(TOP)	Kg	1,740	440	150	795
Impact Energy	Joule	5,717	920	350	2,842
Setting Pressure	kgf/cm ²	210	140	130	170
Required Oil Flow	LPM	130 ~ 150	40 ~ 80	25 ~ 40	80 ~ 120
Operating Pressure	kgf/cm ²	160 ~ 180	100 ~ 130	90 ~ 120	150 ~ 170
BlowPer Minute	bpm	350 ~ 690	450 ~ 950	550 ~ 950	500 ~ 780
Back head N2 Pressure	bar	6	16	16	16
Hose Diameter	Inch	1"	1 / 2"	1 / 2"	3 / 4"

These breakers have found its application in following range of activities:

- Construction
- Mining and Quarrying
- Demolition and Renovation
- Metallurgical Industry



CHOWGULE

MATERIAL HANDLING

Truck mounted cranes are very handy when it comes to bulk loading and transportation. Instead of using crane and truck for loading and transportation, a single truck mounted crane can complete both these jobs and gets the job done in quick time as well.



Sales



Service



Warranty



Spare



Straight Rear Axle



Heavy Duty Main Frame



Heavy Duty Winch



Full Length Chassis



High Ground Clearance



Minimum Turning Radius



Air Brakes

Indofarm Equipment Limited is one of the leading manufacturers of high standard Pick and Carry cranes with emphasis on strength, safety, operability and cost effectiveness. Based on Himachal Pradesh in India, this company stands out from other Indian competitors in its dedication to R&D. **The company with \$60 Million in turnover has catered to many key customers all over the globe.**

Built for toughness, and designed by our immaculate engineers, Indo Farm's pick-n-carry cranes are **smooth to operate, with a comfortable driver's cabin and full control at all times.** You will never have to worry about the safety or on-road travel of these heavy machines and never have to worry about the in-field reliability of an Indo Farm crane

Global presence in **53** countries
200,000 customers all over the world.

23T-75'/63' Self Rope Compensation

16T-65

14T-55', 42' & 36'

Pick 'N' Carry Hydraulic Mobile Crane



Load Capacity
23 T

Boom Height
22.93 m/19.36 m

Horizontal reach
19.6 m/15.78 m

Engine Power
85 hp@2200 rpm

23T-75'/63'

Boom Height 22.93 m/19.36 m

Horizontal reach 19.6 m/15.78 m

Features

Safety

- Overload audio warning system
- Safety brakes on hoist
- Cylinder guard for protection
- Counter balance valve on lift cylinder

Standard Accessories

- All weather cabin
- Air brakes (Fall Safe)
- Heavy duty winch - Six falls rope
- Reflectors
- Turn & reverse lamp
- Rear view mirror
- Tool kit
- Steering Cylinder Guard
- Lift cylinder guard
- Front bumper
- Tool box

Optional Features/Accessories

- Extra hooks
- Man carrying basket
- Fire extinguisher
- Over hoist warning system
- Safe load indicator with hydraulic cutoff



Sales



Service



Warranty



Spare



This is a unique machine machines designed to batch, mix and transport concrete. Powered by Kirloskar made Turbo Charged Diesel Engine.



**SELF LOADING MOBILE
CONCRETE MIXER
ARGO 4000**
Capacity: 4 cbm



**SELF LOADING MOBILE
CONCRETE MIXER
ARGO 2000**
Capacity: 2 cbm



Industrial Floorings



Buildings



Windmill Foundations



UNIVERSAL

Construction Machinery

An ISO 9001 : 2000 Company

Universal is a global conglomerate that has been catering to needs of construction industry through its wide array of network throughout India and over 55 nations. We have concrete mixers available of various mixing capacity. The mixers come with Hydraulic/ Mechanical Hopper. We can cater your need for mixer with hoist.



10/7 HYDRAULIC HOPPER

TECHNICAL FEATURES

Capacity	10/7 Cu.Ft.
Power	6HP (4.7 KW) Aircooled Diesel Engine
Mixing Drum	Heavy Duty with Bearing & MS Blades
Loading Hopper	Heavy Duty Hydraulic Operated
Prime Mover	With sliding Door



10/7 MECHANICAL HOPPER

Capacity	10/7 Cu.Ft.
Power	6HP (4.7 KW) Aircooled Diesel Engine or 5 HP (3.7 kw) Electric Motor
Mixing Drum	Heavy Duty with Bearing & MS Blades
Loading Hopper	Mechanically Operated Wire Rope Type
Optional	Water Tank- 35 liters
Dimension (LxWxH)	3460x3200x2000mm



Reversible Drum Mixer

Capacity	500/800/1050/1400/1500 litres.
Batch Capacity	450/600/750/900/1000 litres.
Machine Output	9/12/15/20/22 Cu.Mtr. per hour.
Power	10/15/20/25 HP Electrical Motor.
Water Tank Capacity	170/250/275 litres.
Weight	2150/2250/2550/2750/2950 kgs.
Dimensions (L x W x H)	3750 x 2250 x 2850 mm to 5300 x 2300 x 3585 mm.

List of Satisfied Customers:

- » Raman Construction Pvt. Ltd
- » Tundi Construction Pvt.Ltd
- » Kalika Construction Pvt.Ltd
- » C.A.B Construction Pvt.Ltd
- » Horizon Construction Pvt.Ltd
- » S.K. Construction Pvt.Ltd
- » R.D Construction Pvt.Ltd



10/7 Concrete Mixer cum Hoist

Capacity	-5/3 Cu. Ft.
	Manually Operated / 2 HP (1.5 KW) Electrical Operated.
	Heavy Duty Drum.
Weight	- 285 kgs.
Dimensions (L x W x H)	750 x 750 x 1100 mm.





The Road Sweeper is constructed from a pressed steel shell which gives an excellent strength to weight ratio. It is a tractor mounted road sweeper machine driven from the tractor P.T.O. shaft and is available with small debris collector box and water spray equipment as optional. This road sweeping machine is designed for use with almost any tractor which is fitted with hydraulic lift, three point linkage and power take off and can be fitted or detached in less than five minutes.



Features

- Rigid pressed steel shell.
- Optional water tank and sprinkler attachment
- Steel wire, polypropylene or combination brush sections.
- Easily adjusted for brush wear.
- Different lengths available on request

Technical Specifications

Overall Length	2400 mm
Overall Width	1490 mm
Overall Height	1060 mm
Sweeping Width	2135 mm
Brush Outer Diameter	510 mm
Dust Collector Capacity	0.2 cu. m.

350+
Engineers & Workers



60+
Worldwide Delivery



13700+
Machines Delivered



30+
Awards Received



SPEEDCRAFTS

IMAGINE A WORLD WITHOUT
MARKINGS



AMITEK INFRA
1 Road Marking
Paint and
No. Equipments

...MARKING ROADS TO DESTINATION



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WITH PROFICIENCY

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Tata Metaliks Limited



Electrofusion Fittings & Welding Tools

Kimplas is the largest manufacturer in India of world class Electrofusion (EF), and Compression Fittings and Valves, Welding Machines and Tools. Kimplas Piping Systems Limited a ISO 9001:2008 Company certified by BSI was established in Nashik, India in the year 1996 to produce Electrofusion (EF) Fittings for use in Gas and Water Distribution Systems and Industrial Applications.

Kimplas Piping Systems Limited a ISO 9001:2008 Company certified by BSI was established in Nashik, India in the year 1996 to produce Electrofusion (EF) Fittings for use in Gas and Water Distribution Systems and Industrial Applications. Its Products carry major UK (Kitemark & WRc-Nsf) and European (DVGW) Certifications and are widely accepted the world over.

The Company's focus is on "Water" and "Energy" as its Products are used in Drinking Water Systems, Micro Irrigation Systems, Piping Systems for Housing Colonies (Buildings) and Infrastructure Projects and for City Gas Distribution.



KIMPLAS
PIPING SYSTEMS LTD

TRUSTLENE

Pipes & Fittings





Applications



Water Distribution



Waste Water Treatment



Power Plant



Water Treatment Plant



Industry



Dams

Sigma Flow Control India Ltd. was incorporated in 2009, with the objective of developing safe, advanced and commercially viable solutions in water and wastewater management, along with products for advanced waterworks systems. It was conceived in collaboration with Sigma Corporation, USA – one of the global leaders in this segment. The company is backed by over 20 years experience and technical expertise in water and sewage control systems. Based out of Kolkata, it has a global vision & reach with technical procurement from all over India and abroad with dedicated manufacturing resources

Product Range



Resilient Seated Gated Valve
Diameter 350 - 600 (mm)



Double Eccentric Flanged
Butterfly Valve
Diameter 150 - 2000 (mm)



Wafer Type Butterfly Valve
Diameter 40 - 600 (mm)



Air Release Valve
Diameter 40 - 200 (mm)



Tapping Saddle



Resilient Seated Gate Valve
Diameter 50 - 300 (mm)



Non Return Valve
Diameter 50 - 1000 (mm)



Ductile Iron Metal
Seated Gate Valve



Flange Adaptors



Couplings



Repair Clamps



SIGMAFLOW

...COMMITTED TO MANUFACTURING EXCELLENCE



Runner Automobiles Ltd. is committed to achieve business excellence through ultimate customer satisfaction, preventing environmental pollution and ensuring healthy work atmosphere. RAL's manufacturing plant is located in Bhaluka, Mymensingh about 70 km of North of Dhaka. Factory total area is 0.16 sq km and 395 employees are working in the facility. Production capacity of this manufacturing plant is about 500 pcs motorcycles per day and yearly 100,000 pcs. Factory has facilities of press shop, weld shop, paint shop, engine assembly conveyor, vehicle assembly conveyor, central quality control section, stores/OBL & research and development. Press shop includes highly modernized shop equipped with hydraulic and mechanical presses of wide capacity range (20-400ton), CNC machinery for idle mold/ tooling's (EDM wire cut, VMC, CNC Lathe, NC Milling), CNC pipe bending machine, CNC tube bending machine, Universal testing machine, Hydraulic shearing machine and other tools to work on major components manufactured here. Weld shop is equipped with MIG, TIG, arc, seam and gas welding machine. Paint shop is fully automated with ABS components, TSA paint & Epoxy Coat. Engine assembly conveyor includes sub-assembly facility, leakage testing, engine firing & testing etc. Central quality control includes specific test for horn, brake, headlight, winker, magneto (ACG), sheet metal, rear cushion, front fork, corrosion and dust leakage test.

Runner Automobiles is pioneering 2 wheeler manufacturer and exporter in Bangladesh. It has a state of the art factory on 38 acres of land in Bhaluka capable of producing at least 100,000 units a year

Runner is the Market leader in sub 100 cc 2 wheeler with models ranging between 80 cc to 150 cc meeting the needs of all customer demographics.



RUNNER
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KNIGHT RIDER

RIDE BEYOND ETERNITY

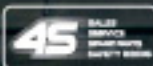
TECHNICAL SPECIFICATION

Engine	Racing CBF engine with high efficiency combustion
Type	chamber, light piston & anti-shake Start.
Displacement	150cc
Max Power	11.93 bhp @ 7500 rpm
Max Torque	12.20 Nm @ 5500 rpm
Ignition	Digital CDI
FUEL TANK	
Capacity	16.8 L
Reserve	2 L

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TECHNICAL SPECIFICATION

Engine	Single cylinder SOHC 4 stroke, dual valve, air cooled petrol engine
Displacement	110cc
Max Power	6.43 bhp @ 7500 rpm
Max Torque	7.0 Nm @ 5500 rpm
Ignition	Digital CDI
FUEL TANK	
Capacity	4.8 L



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Bullet 125



TECHNICAL SPECIFICATION

Engine	Single cylinder SOHC 4 stroke, dual valve, air cooled petrol engine
Displacement	125cc
Max Power	6.43 bhp @ 7500 rpm
Max Torque	7.0 Nm @ 5500 rpm
Ignition	Digital CDI
FUEL TANK	
Capacity	14.8 L
Reserve	1 L

45

MAINTENANCE
INTERVALS
EVERY 1000 KM

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Cheeta

The Road HUNTER



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TECHNICAL SPECIFICATION

Engine	Single cylinder SOHC 4 stroke, dual valve, air cooled petrol engine
Displacement	100cc
Max Power	6.968 bhp @ 8000 rpm
Max Torque	6.5 Nm @ 6500 rpm
Ignition	Digital CDI
FUEL TANK	
Capacity	13 L
Reserve	1 L



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**MARK OF
ARISTOCRACY**



TECHNICAL SPECIFICATION

Engine	Single cylinder SOHC 4 stroke, dual valve, air cooled petrol engine
Displacement	110cc
Max Power	8.04 bhp @ 7500 rpm
Max Torque	7.8 Nm @ 6000 rpm
Ignition	CDI
FUEL TANK	
Capacity	10 L
Reserve	1 L

45 Max Power
110cc
11000 RPM

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BIKE RT



TECHNICAL SPECIFICATION

Engine	Single cylinder SOHC 4 stroke, dual valve, air cooled petrol engine
Displacement	86cc
Max Power	5.96 bhp @ 7500 rpm
Ignition	Digital CDI
FUEL TANK	
Capacity	8 L
Reserve	1 L



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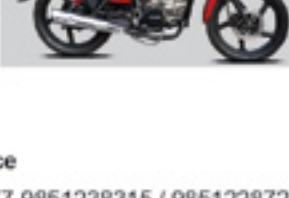
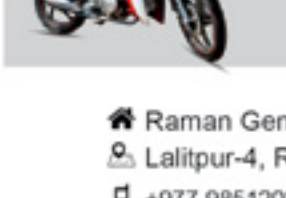
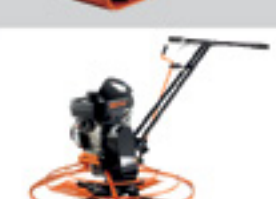
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