

TB216 - TB230 - TB240 - TB260 - TB290 - TB280FR - TB1140 SERIES 2

TAKEUCHI

Those in the know, know Takeuchi

EXCAVATORS



**Features &
Benefits**

TAKEUCHI

Takeuchi was the first company to introduce compact excavators to the North American market, setting the stage for one of the fastest growing product segments ever released in the compact construction equipment industry.

Takeuchi offers conventional and full rotation models that range in operating weight from 3,902 lbs to 34,116 lbs.

All Takeuchi excavators are rugged, dependable and productive. They provide exceptional value, demonstrate outstanding performance, and are measured by their longevity in the field.

The Takeuchi design philosophy is centered on Four Pillars: Performance, Durability, Operator Comfort, and Serviceability. The engineering focus of Takeuchi is to build machines to the highest standards of quality and performance, machines that incorporate solutions into each and every component and feature.

When you invest in Takeuchi, you receive over five decades of equipment innovation, the quality assurance of ISO-9001 certification and timely after sales support from an industry innovator and leader.



Powerful & Reliable

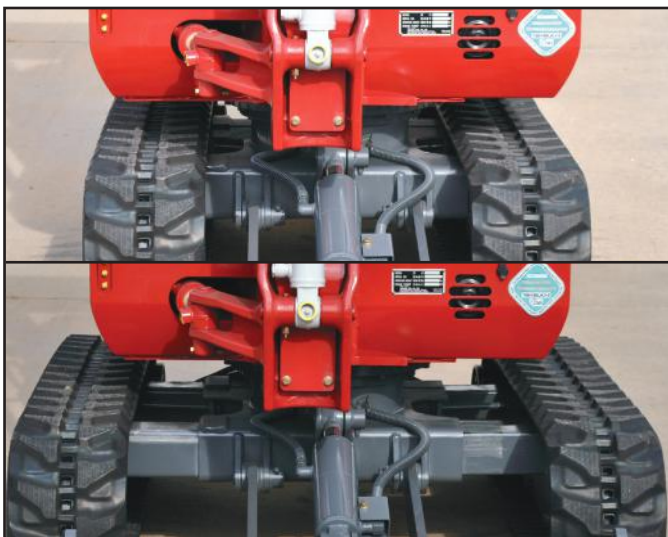


Mini Excavator TB216

When space is at a premium and you have a demanding job, the TB216 is an ideal choice. It is small enough to transport easily between jobs, highly productive and maneuverable.

Though compact in size, this machine performs well in a variety of residential and commercial construction applications. The TB216 is often utilized digging small trenches for underground utilities, sewer hook-ups and cable installation, but it has the power and performance capabilities to dig footings, foundations, perform demolition, and site clean-up.

One of the key features of the TB216 is the hydraulically retractable undercarriage. The undercarriage design allows this excavator to pass through doors, gates and narrow openings enabling it to operate in extremely confined areas. The backfill blade on the TB216 features removable end sections that allow the blade width to be adjusted to match the width of the undercarriage when retracted and expanded.



Hydraulically retractable (39" to 51") track frame allows operation in confined areas and access through narrow openings.





Further improving the capabilities of this machine is the fact that it is equipped with a standard long arm. The long arm configuration provides outstanding working range, providing the dig depth and reach needed to dig more and reposition less.

Auxiliary hydraulics are standard and deliver both one way and two way flow allowing a variety of attachments to be utilized. The TB216 even has the capability to allow hand held tools to be operated off of the auxiliary circuit for greater versatility.

The TB216 features a cast iron wrap around counterweight that protects key engine and hydraulic components from damage, and it provides outstanding stability when working.



Standard long arm allows for greater reach and less time repositioning.



The operator's station of the TB216 offers excellent room and easy operation with its precision pilot controls.

Compact Excavators



The TB230, TB240 and TB260 excavators represent our commitment to providing the highest quality machine in the compact construction equipment industry.

They range in weight from 6,100 lbs to over 12,500 lbs, and are loaded with standard features that will enhance performance, increase durability, improve operator comfort, and simplify maintenance.

EPA certified engines offer an unprecedented blend of clean and quiet operation, powerful performance, and excellent fuel efficiency.

The advanced four pump hydraulic system enable these machines to operate smoothly and perform multiple functions with ease resulting in faster cycle times and increased production while being very fuel efficient. To enhance fuel efficiency and further reduce operating costs, these models feature an automatic idle system.

Their conventional tail swing design ensures these excavators are well balanced, provide exceptional stability and lifting strength. They deliver extraordinary bucket and crowd forces allowing the operator to excavate in the most

demanding applications. Cushioned cylinders not only reduce shock and extend component life, but they also contribute to smoother operation allowing the operator to keep more material in the bucket where it belongs.

Planetary drives with automatic step down travel motors generate a great deal of traction force to power through difficult terrain. Automatic, load sensing two-speed travel allows the machine to



Two-speed travel with automatic shift down for turning and ascending grades.

shift from high speed travel to low speed, high torque mode automatically when under load.

Durability is a cornerstone to the success of Takeuchi excavator products. While it is easy to see many of the components and features that make a Takeuchi excavator so durable, there are also many that go unseen. Takeuchi manufactures excavators that will provide more uptime and higher resale values. Heavy gauge steel is used throughout, oversized pins are utilized from the bucket link all the way to the boom swing, and heavy duty components can be found throughout the machine. Attention to detail along with quality parts are why Takeuchi has a reputation for providing highly reliable products.

Triple flange track rollers help maintain multiple points of contact between the track lugs and rollers reducing the likelihood of de-tracking when working on a slope or in difficult material. Short pitch rubber tracks increase roller to rail contact resulting in smoother travel.

TB230, TB240 & TB260

The heavy-duty dozer blade features large gusset reinforcements, and a square tube frame to withstand many hours in the field. Float position is provided as a standard feature and will simplify backfilling and grading operations. An optional power angle blade features a reversible, two



Triple flange track rollers and the short pitch rubber tracks allow for increased roller/rail contact and smoother traveling.

piece bolt-on edge and is available on the TB230, TB240, and TB260 and it can angle 25 degrees to the right and left enhancing the machine's performance.

The spacious operator's station found in Takeuchi excavators features a high level of comfort and functionality. Increased interior volume, outstanding visibility, improved foot space,



The heavy duty frame and components provide long term durability and up time.

foldable travel pedals, large adjustable arm rests, and an isolation mounted platform to minimize vibration and noise are some of the features that we have incorporated into our products to help reduce fatigue and enhance operator comfort.

A deluxe high-back suspension seat is standard and features a retractable seat belt and three height adjustments, improving visibility, comfort and placing the operator in the optimum operating position.

An electronic engine monitoring system has been incorporated to ensure uninterrupted machine operation, along with a gauge cluster that clearly displays visual warnings as well as audible alerts for low engine oil pressure and coolant temperature.



For added safety the operator's station is ROPS, TOPS, and FOPS certified, and features large grab handles and steps allowing the operator to easily enter and exit the machine.

For year round comfort an optional enclosed cab that includes standard high capacity air conditioning and heat, deluxe AM / FM radio with MP3 connection, convenient storage compartments and a front window with cylinder assisted lift is available.

Compact Excavators

Serviceability is important, and each Takeuchi compact excavator is designed to simplify service access reducing downtime, and saving you valuable time and money. The wide opening engine hood and side cover provide outstanding access to key inspection and maintenance points. While grease points are clearly marked and easy to service.

The TB240 and TB260 feature a high capacity, side-by-side radiator and oil cooler allowing them to operate more efficiently. Component life and cooling capacity is improved due to improved air flow, and inspection and cleaning of the cooling module is easy to perform.

Large fuel filters ensure the fuel system stays clean for efficient operation. If the excavator is

run out of fuel, an electric pump and self priming technology allow the fuel system to bleed off air by turning the key to the on position. This feature eliminates the need for tools or a possible service call.

Blade and boom cylinders feature segmented hoses that are easily replaced if damaged.

The ignition and all compartments are lockable using one key to protect against vandalism.

Takeuchi sets the bar higher with a standard two year / 2,000 hour full machine warranty providing additional value and peace of mind. So operate with confidence knowing that Takeuchi provides one of the most comprehensive warranties in the industry today.



Spacious automotive styled interiors.

TB230, TB240 & TB260



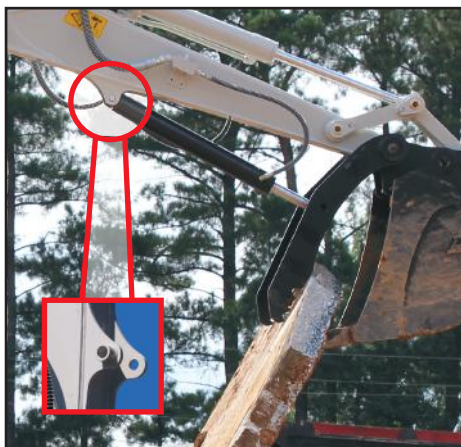
Large doors provide easy access to all major engine and hydraulic components.



Low effort pilot controls and simple switches are easy to use.



Heavy duty cooling system provides greater cooling capacity and extended component life.



Thumb cylinder mount incorporated into the arm for easy pin on installation.



Mid-Size Compact Excavators

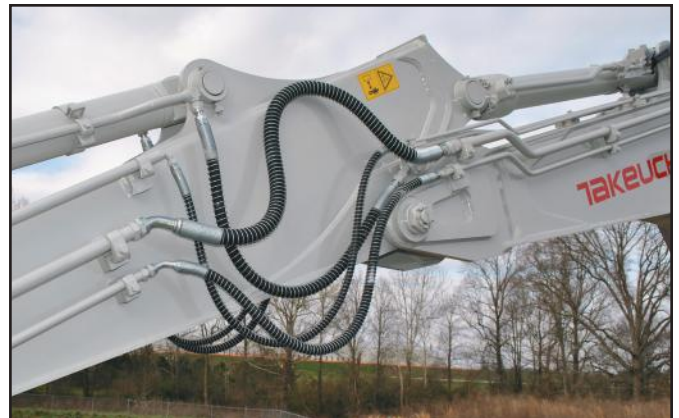
If you desire a feature packed mid-size excavator with the speed and power to move large volumes of material in a short amount of time, you should look no further than Takeuchi. The TB290 and the TB1140 SERIES 2 are the largest conventional excavators in the Takeuchi line and weigh 18,630 lbs to 34,700 lbs. These machines take on the big jobs and are primarily used in pool excavation, landscaping, highway and bridge construction, demolition, recycling and remediation applications.



Spacious automotive styled interiors.

The TB290 and TB1140 SERIES 2 are equipped with large spacious cabs that offer excellent visibility and comfort, and feature a deluxe high back suspension seat, arm rests and easy to operate pilot controls with standard pattern selector valve. For year round operator comfort each cab is equipped with air conditioner, heater, defrost, windshield wiper, deluxe AM / FM radio with MP3 connection, sunshade, stow-able front glass, and sliding side windows. For added peace of mind these cabs provide additional safety and security with their certified ROPS, FOPS structure.

Advanced hydraulic systems provide smooth, synchronized control of the boom, arm, and swivel with no reduction in working speed. This enables the engine to work more efficiently, resulting in faster cycle times and increased production. Twin heavy duty boom cylinders provide the strength needed for lifting and additional clearance for buckets and attachments. Cushioned cylinders equate to smoother operation and reduced stress on the frame and other components.



Both the TB290 and TB1140 have primary and secondary circuits with independent proportional control.

The elevated K-frame design gives the operator a stable platform when digging over the side of the tracks and provides better ground clearance. The sloped design limits the accumulation of dirt and debris on the undercarriage.



Elevated K-frame design.

TB290 & TB1140 SERIES 2



Heavy duty dozer blade with integrated anchor points.

A standard heavy duty dozer blade features integrated gusset reinforcements for superior strength and durability. The blade and frame feature large anchor points to easily secure the machine for transport.



Two boom cylinders provide the strength needed for lifting, while the independent boom swing allows both excavators to dig offset over the left or right track.



TB1140 SERIES 2 Hydraulic Excavator.

Full Rotation Excavator

The Takeuchi Full Rotation excavator is the result of years of extensive research, field testing, evaluation and product refinement.

The new EPA certified engine offers an unprecedented mix of clean and quiet operation, powerful performance, and excellent fuel efficiency.

A unique four pump hydraulic system provides a machine that runs smoothly and can perform multiple functions easily, resulting in faster cycle times and increased production. And the standard control pattern selector valve is easy to change for operator preference.

Cushioned hydraulic cylinders reduces shock which improves component life and operator comfort, and contributes to smoothness and ease of operation.

The TB280FR features an attachment interference system which prevents larger attachments from coming into contact with the cab when the boom is fully raised in the offset position.



Exceptional stability and lifting capability are trademarks of the TB280FR, and powerful digging forces provide the power to excavate the toughest materials.

The patented STS (side-to-side) boom system and zero swing capabilities allow 360° slewing, making the FR the most versatile excavator available today.

Planetary final drives provide the most efficient and durable method of speed reduction and

torque amplification. The drive system utilizes spring applied, hydraulically released, multiple wet friction disk parking brake for strong and reliable holding power.

Triple flange track rollers and short pitch rubber tracks allow for increased roller/rail contact and smoother travel. Additional track options include steel and road liner tracks.



A large, wrap around heavy-duty counterweight keeps the machine stable while protecting key engine and hydraulic components.

TB280FR

A heavy-duty dozer blade with float function is standard equipment, and allows the operator to easily backfill and perform finish work on job sites.

Step-down travel motors automatically shift from high to low range travel when turning or climbing a steep grade. Once the turn is complete or the ground levels out, the travel motors automatically return to high range travel.

The spacious cab provides outstanding visibility to the job site and work equipment. While the new interior provides greater functionality with the addition of a multi-function color LCD monitor panel, function switches, and new blade control lever. A high back suspension seat with height adjustments allow the operator to remain comfortable, and place themselves in an optimal operational position for improved safety and productivity.

The TB280FR features a side-by-side radiator and hydraulic oil cooler that provides greater cooling capacity. The design of the cooling module ensures that each component is exposed to fresh clean air allowing the excavator to run more efficiently enhancing performance and extending component life.

Large fuel filters ensure the fuel system stays clean for efficient operation. If the excavator is run out of fuel, an electric pump and self priming technology allows the fuel system to bleed off air by turning the key to the on position. This feature eliminates the need for tools or a possible service call.

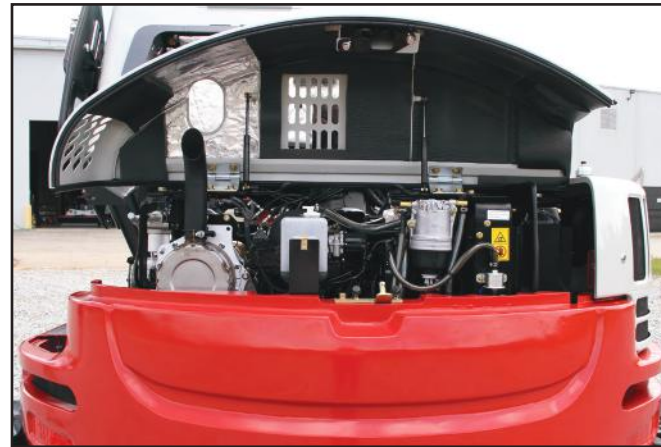
For added convenience and serviceability the operator's station tilts forward providing access to key hydraulic components: control valve, hydraulic lines, swing motor, and swivel joint. It also provides access to the back of the engine making it easier to service the starter and alternator.



Tilt-up operator's platform provides improved access to all major hydraulic components.



Unique Side-to-Side (STS) boom design enables this machine to work in confined work spaces.



Large rear door allows for easy access to key engine components

Specifications

OPERATING PERFORMANCE

| | TB216 | TB230 | TB240 |
|-------------------------------|-----------------------------|-----------------------------|---|
| Operating Weight | Canopy 3,902 lbs (1,770 kg) | Canopy 6,360 lbs (2,885 kg) | Canopy 8,570 lbs (3,890 kg) Cab 8,990 lbs (4,080 kg) |
| Maximum Digging Depth | 7 ft 10 in (2,390 mm) | 9 ft 3.6 in (2,835 mm) | 11 ft 4.4 in (3,465 mm) |
| Maximum Dump Height | 8 ft 10.5 in (2,705 mm) | 10 ft 7.2 in (3,230 mm) | 12 ft 6.7 in (3,828 mm) |
| Maximum Reach | 13 ft 5 in (4,090 mm) | 15 ft 10.9 in (4,850 mm) | 18 ft 2.3 in (5,545 mm) |
| Maximum Bucket Breakout Force | 4,250 lbs (1,928 kg) | 6,471 lbs (2,935 kg) | 9,959 lbs (4,517 kg) |
| Maximum Arm Digging Force | 1,843 lbs (836 kg) | 2,900 lbs (1,325 kg) | 4,110 lbs (1,864 kg) |
| Arm Length | 3 ft 8.5 in (1,130 mm) | 4 ft 9 in (1,445 mm) | 5 ft 3 in (1,600 mm) |
| Slew Speed | 9.2 rpm | 10.3 rpm | 9.6 rpm |
| Traction Force (lbs) | 4,361 lbs (1,978 kg) | 6,340 lbs (2,876 kg) | 9,533 lbs (4,324 kg) |

ENGINE

| | TB216 | TB230 | TB240 |
|-------------------------------------|----------------------------------|--------------------------------|------------------------------------|
| Make / Model | Yanmar / 3TNV74 | Yanmar / 3TNV88F | Yanmar / 4TNV88C |
| Tier Rating | EPA Final Tier 4 | EPA Final Tier 4 | EPA Final Tier 4 |
| Cylinders / Displacement | 3 / 60.6 cu in (.99 L) | 3 / 81 cu in (1.3 L) | 4 / 133.6 cu in (2.2 L) |
| Horsepower Gross | 15.0 hp (11.2 kW) | 24.4 hp (18.2 kW) | 35.8 hp (26.7 kW) |
| Rated Engine Speed | 2,400 rpm | 2,400 rpm | 2,200 rpm |
| Maximum Torque | 38.2 ft-lb @ 1,800 rpm (51.8 Nm) | 63 ft-lb @ 1,440 rpm (85.3 Nm) | 102.6 ft-lb @ 1,430 rpm (139.1 Nm) |
| Engine Lubrication | 4.5 qt (4.3 L) | 5.0 qt (4.7 L) | 7.8 qt (7.4 L) |
| Cooling System | 4.0 qt (3.8 L) | 4.2 qt (4.0 L) | 9.5 qt (9.0 L) |
| Fuel Tank Capacity | 5.8 gal (22.0 L) | 14.0 gal (53.0 L) | 18.5 gal (70.0 L) |
| Fuel Consumption (65% of full load) | 0.63 gal / hr (2.4 L / hr) | 0.8 gal / hr (3.3 L / hr) | 1.2 gal / hr (4.8 L / hr) |
| Electrical System | 12 volts / 40 amps | 12 volts / 40 amps | 12 volts / 40 amps |

UNDERCARRIAGE

| | TB216 | TB230 | TB240 |
|-----------------------------|------------------------|---------------------------------|---|
| Track Rollers (per side) | 3 | 3 | 4 |
| Track Width | Rubber 9.0 in (230 mm) | Rubber / Steel 11.8 in (300 mm) | Rubber / Steel 13.8 in (350 mm) |
| Track Ground Contact Length | 3 ft 9.5 in (1,155 mm) | 4 ft 8.7 in (1,440 mm) | 5 ft 5.1 in (1,653 mm) |
| Ground Pressure | 4.3 psi (29.6 kPa) | 4.3 psi (29.6 kPa) | Canopy 4.4 psi (30.2 kPa) Cab 4.6 psi (31.6 kPa) |
| Maximum Travel Speed | | | |
| Low Range | 1.4 mph (2.2 km / hr) | 1.8 mph (2.9 km / hr) | 1.8 mph (2.9 km / hr) |
| High Range | 2.6 mph (4.2 km / hr) | 3.2 mph (5.2 km / hr) | 3.3 mph (5.3 km / hr) |

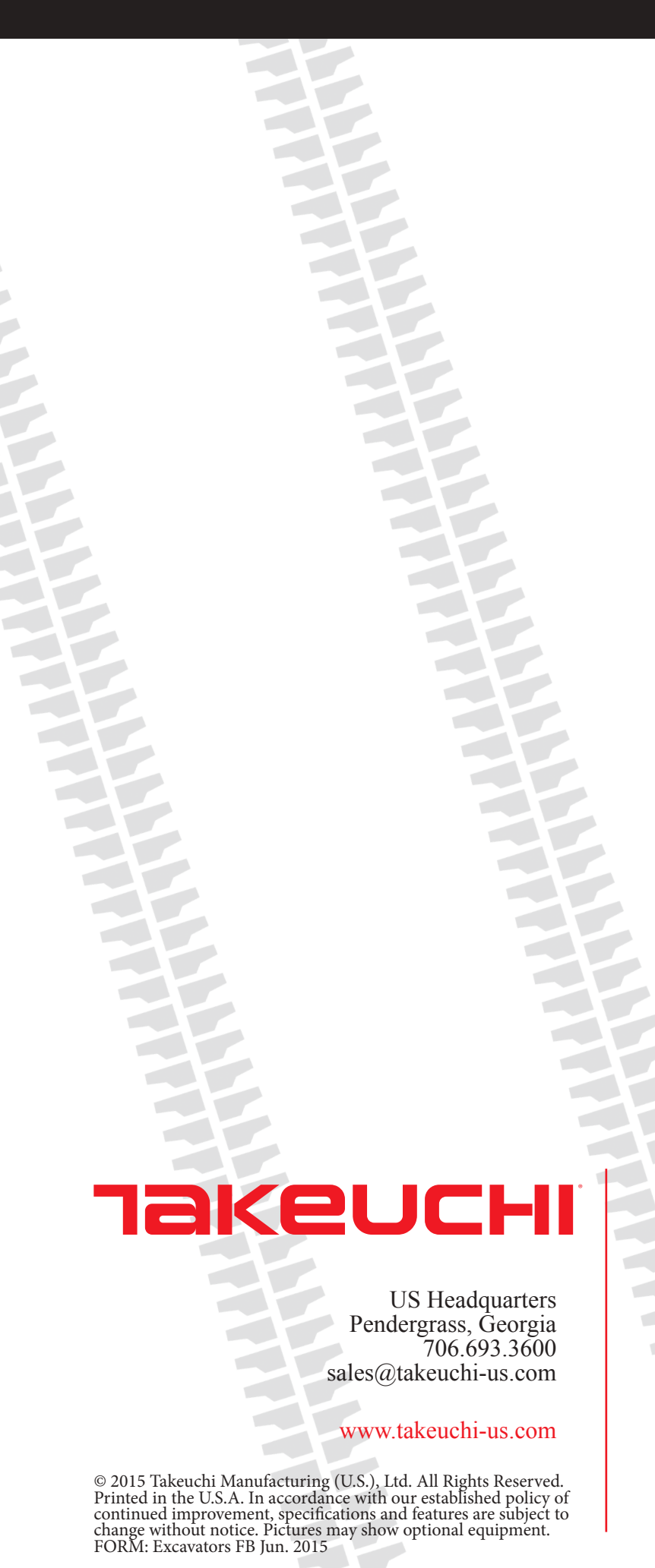
HYDRAULIC SYSTEM

| | TB216 | TB230 | TB240 |
|---|--------------------------------|-------------------------------|--------------------------------|
| Total Hydraulic Flow (gpm) | 13.45 gal / min (50.9 L / min) | 24.2 gal / min (91.6 L / min) | 30.6 gal / min (115.8 L / min) |
| Auxiliary Hydraulic Flow - Primary | 8.9 gal / min (33.6 L / min) | 13.4 gal / min (50.6 L / min) | 17.1 gal / min (64.9 L / min) |
| Auxiliary Hydraulic Flow - Secondary | | | |
| Auxiliary Hydraulic Pressure (adjustable) | 3,046 psi (21.0 MPa) | 3,046 psi (21.0 MPa) | 3,481 psi (24.0 MPa) |
| Hydraulic Reservoir Capacity | 4.2 gal (16.0 L) | 9.2 gal (35.0 L) | 10.8 gal (41.0 L) |
| Hydraulic System Capacity | 6.5 gal (24.5 L) | 14.8 gal (56.0 L) | 19.5 gal (74.0 L) |

DIMENSIONS

| | TB216 | TB230 | TB240 |
|-------------------------------|---|-------------------------|-------------------------|
| Maximum Dig Depth | 7 ft 10 in (2,390 mm) | 9 ft 3.6 in (2,835 mm) | 11 ft 4.3 in (3,462 mm) |
| Maximum Dump Height | 8 ft 10.5 in (2,705 mm) | 10 ft 7.2 in (3,230 mm) | 12 ft 6.7 in (3,828 mm) |
| Maximum Reach Ground Level | 13 ft 2.9 in (4,035 mm) | 15 ft 5.4 in (4,710 mm) | 17 ft 9.6 in (5,425 mm) |
| Maximum Vertical Dig Depth | 6 ft 9 in (2,060 mm) | 7 ft 0.8 in (2,153 mm) | 8 ft 8.9 in (2,665 mm) |
| Undercarriage Width | Retracted 3 ft 2.6 in (980 mm) Extended 4 ft 3.2 in (1,300 mm) | 4 ft 9.5 in (1,460 mm) | 5 ft 8.5 in (1,740 mm) |
| Height | 7 ft 5.8 in (2,281 mm) | 8 ft 3.9 in (2,540 mm) | 8 ft 2.6 in (2,505 mm) |
| Length (Transport) | 12 ft 8.3 in (3,870 mm) | 15 ft 0.9 in (4,595 mm) | 16 ft 8.2 in (5,085 mm) |
| Ground Clearance | 8.1 in (205 mm) | 11.9 in (305 mm) | 11.6 in (295 mm) |
| Dozer Blade Height | 12.2 in (310 mm) | 14.0 in (300 mm) | 1 ft 3.5 in (395 mm) |
| Independent Boom Swing Angle | 80° Left / 50° Right | 78° Left / 58° Right | 76° Left / 58° Right |
| Minimum Front Radius (offset) | 3 ft 9.5 in (1,155 mm) | 4 ft 11.2 in (1,505 mm) | 5 ft 4 in (1,626 mm) |
| Tail Swing Radius | 3 ft 6.3 in (1,075 mm) | 4 ft 4.4 in (1,330 mm) | 4 ft 5.7 in (1,365 mm) |

| TB260 | | TB290 | | TB1140 SERIES 2 | | TB280FR | |
|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|
| Canopy 12,125 lbs (5,500 kg) | Cab Rubber 18,630 lbs (8,450 kg) | Cab Rubber 34,116 lbs (15,475 kg) | Cab Rubber 18,810 lbs (8,530 kg) | Cab Rubber 34,116 lbs (15,475 kg) | Cab Rubber 18,810 lbs (8,530 kg) | Cab Rubber 18,810 lbs (8,530 kg) | Cab Rubber 18,810 lbs (8,530 kg) |
| Cab 12,645 lbs (5,735 kg) | Cab Steel 19,145 lbs (8,685 kg) | Cab Steel 34,700 lbs (15,740 kg) | Cab Steel 19,240 lbs (8,730 kg) | Cab Steel 34,700 lbs (15,740 kg) | Cab Steel 19,240 lbs (8,730 kg) | Cab Steel 19,240 lbs (8,730 kg) | Cab Steel 19,240 lbs (8,730 kg) |
| 12 ft 9.4 in (3,895 mm) | 15 ft 0 in (4,570 mm) | 18 ft 0 in (5,485 mm) | 14 ft 11 in (4,540 mm) | 18 ft 0 in (5,485 mm) | 14 ft 11 in (4,540 mm) | 14 ft 11 in (4,540 mm) | 14 ft 11 in (4,540 mm) |
| 13 ft 10.1 in (4,220 mm) | 17 ft 3 in (5,270 mm) | 20 ft 4 in (6,220 mm) | 14 ft 8.4 in (4,480 mm) | 20 ft 4 in (6,220 mm) | 14 ft 8.4 in (4,480 mm) | 14 ft 8.4 in (4,480 mm) | 14 ft 8.4 in (4,480 mm) |
| 20 ft 6.9 in (6,270 mm) | 24 ft 5 in (7,435 mm) | 28 ft 9 in (8,755 mm) | 23 ft 7.2 in (7,195 mm) | 28 ft 9 in (8,755 mm) | 23 ft 7.2 in (7,195 mm) | 23 ft 7.2 in (7,195 mm) | 23 ft 7.2 in (7,195 mm) |
| 12,756 lbs (5,786 kg) | 16,565 lbs (7,514 kg) | 22,188 lbs (10,064 kg) | 16,335 lbs (7,409 kg) | 22,188 lbs (10,064 kg) | 16,335 lbs (7,409 kg) | 16,335 lbs (7,409 kg) | 16,335 lbs (7,409 kg) |
| 5,755 lbs (2,610 kg) | 8,161 lbs (3,702 kg) | 12,634 lbs (5,730 kg) | 7,037 lbs (3,192 kg) | 12,634 lbs (5,730 kg) | 7,037 lbs (3,192 kg) | 7,037 lbs (3,192 kg) | 7,037 lbs (3,192 kg) |
| 5 ft 10.1 in (1,780 mm) | 7 ft 0 in (2,130 mm) | 8 ft 5 in (2,750 mm) | 6 ft 7 in (2,000 mm) | 8 ft 5 in (2,750 mm) | 6 ft 7 in (2,000 mm) | 6 ft 7 in (2,000 mm) | 6 ft 7 in (2,000 mm) |
| 9.4 rpm | 10.3 rpm | 13.4 rpm | 10.0 rpm | 13.4 rpm | 10.0 rpm | 10.0 rpm | 10.0 rpm |
| 14,006 lbs (6,353 kg) | 19,780 lbs (8,972 kg) | 32,555 lbs (14,767 kg) | 19,783 lbs (8,973 kg) | 32,555 lbs (14,767 kg) | 19,783 lbs (8,973 kg) | 19,783 lbs (8,973 kg) | 19,783 lbs (8,973 kg) |
| Yanmar / 4TNV86CT | Yanmar / 4TNV98CT | Isuzu / AM-4JJ1X Turbo-Intercooled | Yanmar / 4TNV98CT | Isuzu / AM-4JJ1X Turbo-Intercooled | Yanmar / 4TNV98CT | Isuzu / AM-4JJ1X Turbo-Intercooled | Yanmar / 4TNV98CT |
| EPA Final Tier 4 | EPA Final Tier 4 | EPA Interim Tier 4 | EPA Final Tier 4 | EPA Interim Tier 4 | EPA Final Tier 4 | EPA Interim Tier 4 | EPA Final Tier 4 |
| 4 / 127.6 cu in (2.1 L) | 4 / 202 cu in (3.3 L) | 4 / 183 cu in (3.0 L) | 4 / 202 cu in (3.3 L) | 4 / 183 cu in (3.0 L) | 4 / 202 cu in (3.3 L) | 4 / 183 cu in (3.0 L) | 4 / 202 cu in (3.3 L) |
| 47.6 hp (35.5 kW) | 69.2 hp (51.6 kW) | 103.3 hp (77.0 kW) | 69.2 hp (51.6 kW) | 103.3 hp (77.0 kW) | 69.2 hp (51.6 kW) | 103.3 hp (77.0 kW) | 69.2 hp (51.6 kW) |
| 2,400 rpm | 2,000 rpm | 2,000 rpm | 2,000 rpm | 2,000 rpm | 2,000 rpm | 2,000 rpm | 2,000 rpm |
| 130.5 ft-lb @ 1,560 rpm (177.0 Nm) | 227.2 ft-lb @ 1,300 rpm (308 Nm) | 284 ft-lb @ 1,600 rpm (385.0 Nm) | 227.2 ft-lb @ 1,300 rpm (308 Nm) | 284 ft-lb @ 1,600 rpm (385.0 Nm) | 227.2 ft-lb @ 1,300 rpm (308 Nm) | 284 ft-lb @ 1,600 rpm (385.0 Nm) | 227.2 ft-lb @ 1,300 rpm (308 Nm) |
| 7.8 qt (7.4 L) | 10.8 qt (10.2 L) | 18.0 qt (17.0 L) | 9.9 qt (9.4 L) | 18.0 qt (17.0 L) | 9.9 qt (9.4 L) | 18.0 qt (17.0 L) | 9.9 qt (9.4 L) |
| 11.6 qt (11.0 L) | 14.8 qt (14.0 L) | 19.5 qt (18.5 L) | 14.8 qt (14.0 L) | 19.5 qt (18.5 L) | 14.8 qt (14.0 L) | 19.5 qt (18.5 L) | 14.8 qt (14.0 L) |
| 21.3 gal (81.0 L) | 33.8 gal (128.0 L) | 61.5 gal (233.0 L) | 26.3 gal (100.0 L) | 61.5 gal (233.0 L) | 26.3 gal (100.0 L) | 61.5 gal (233.0 L) | 26.3 gal (100.0 L) |
| 1.6 gal / hr (6.3 L / hr) | 2.4 gal / hr (9.1 L / hr) | 3.32 gal / hr (12.6 L / hr) | 2.4 gal / hr (9.1 L / hr) | 3.32 gal / hr (12.6 L / hr) | 2.4 gal / hr (9.1 L / hr) | 3.32 gal / hr (12.6 L / hr) | 2.4 gal / hr (9.1 L / hr) |
| 12 volts / 55 amps | 12 volts / 80 amps | 24 volts / 50 amps | 12 volts / 80 amps | 24 volts / 50 amps | 12 volts / 80 amps | 24 volts / 50 amps | 12 volts / 80 amps |
| 5 | 5 | 7 | 5 | 7 | 5 | 7 | 5 |
| Rubber 15.7 in (400 mm) | Rubber 17.7 in (450 mm) | Rubber 20.0 in (500 mm) | Rubber 17.7 in (450 mm) | Rubber 20.0 in (500 mm) | Rubber 17.7 in (450 mm) | Rubber 20.0 in (500 mm) | Rubber 17.7 in (450 mm) |
| Steel 21.7 in (550 mm) | Steel 21.7 in (550 mm) | Steel 24.0 in (600 mm) | Steel 21.7 in (550 mm) | Steel 24.0 in (600 mm) | Steel 21.7 in (550 mm) | Steel 24.0 in (600 mm) | Steel 21.7 in (550 mm) |
| 6 ft 8.7 in (2,050 mm) | 7 ft 3 in (2,210 mm) | 9 ft 6 in (2,900 mm) | 7 ft 3 in (2,210 mm) | 9 ft 6 in (2,900 mm) | 7 ft 3 in (2,210 mm) | 9 ft 6 in (2,900 mm) | 7 ft 3 in (2,210 mm) |
| Canopy 4.4 psi (30.2 kPa) | Rubber 5.5 psi (37.8 kPa) | Rubber 6.57 psi (45.3 kPa) | Rubber 5.5 psi (38.1 kPa) | Rubber 6.57 psi (45.3 kPa) | Rubber 5.5 psi (38.1 kPa) | Rubber 6.57 psi (45.3 kPa) | Rubber 5.5 psi (38.1 kPa) |
| Cab 4.6 psi (31.5 kPa) | Steel 5.6 psi (38.9 kPa) | Steel 6.80 psi (46.9 kPa) | Steel 5.7 psi (39.5 kPa) | Steel 6.80 psi (46.9 kPa) | Steel 5.7 psi (39.5 kPa) | Steel 6.80 psi (46.9 kPa) | Steel 5.7 psi (39.5 kPa) |
| 1.7 mph (2.8 km / hr) | 1.6 mph (2.6 km / hr) | 1.9 mph (3.0 km / hr) | 1.7 mph (2.7 km / hr) | 1.9 mph (3.0 km / hr) | 1.7 mph (2.7 km / hr) | 1.9 mph (3.0 km / hr) | 1.7 mph (2.7 km / hr) |
| 3.0 mph (4.9 km / hr) | 3.1 mph (5.0 km / hr) | 3.3 mph (5.3 km / hr) | 3.4 mph (5.2 km / hr) | 3.3 mph (5.3 km / hr) | 3.4 mph (5.2 km / hr) | 3.3 mph (5.3 km / hr) | 3.4 mph (5.2 km / hr) |
| 45.3 gal / min (171.5 L / min) | 62.5 gal / min (236.6 L / min) | 75.3 gal / min (285.0 L / min) | 52.5 gal / min (198.0 L / min) | 75.3 gal / min (285.0 L / min) | 52.5 gal / min (198.0 L / min) | 75.3 gal / min (285.0 L / min) | 52.5 gal / min (198.0 L / min) |
| 27.0 gal / min (102.2 L / min) | 26.4 gal / min (100.0 L / min) | 59.0 gal / min (224.0 L / min) | 39.0 gal / min (148.0 L / min) | 59.0 gal / min (224.0 L / min) | 39.0 gal / min (148.0 L / min) | 59.0 gal / min (224.0 L / min) | 39.0 gal / min (148.0 L / min) |
| 11.6 gal / min (43.9 L / min) | 14.5 gal / min (55.0 L / min) | 14.5 gal / min (55.0 L / min) | 15.0 gal / min (58.0 L / min) | 14.5 gal / min (55.0 L / min) | 15.0 gal / min (58.0 L / min) | 14.5 gal / min (55.0 L / min) | 15.0 gal / min (58.0 L / min) |
| 3,480 psi (24.0 MPa) | 3,990 psi (27.5 MPa) | 4,977 psi (34.3 MPa) | 3,990 psi (27.5 MPa) | 4,977 psi (34.3 MPa) | 3,990 psi (27.5 MPa) | 4,977 psi (34.3 MPa) | 3,990 psi (27.5 MPa) |
| 12.9 gal (49.0 L) | 19.3 gal (73.0 L) | 25.1 gal (95.0 L) | 18.7 gal (71.0 L) | 25.1 gal (95.0 L) | 18.7 gal (71.0 L) | 25.1 gal (95.0 L) | 18.7 gal (71.0 L) |
| 23.8 gal (90.0 L) | 37.0 gal (140.0 L) | 56.8 gal (215.0 L) | 31.7 gal (120.0 L) | 56.8 gal (215.0 L) | 31.7 gal (120.0 L) | 56.8 gal (215.0 L) | 31.7 gal (120.0 L) |
| 12 ft 9.4 in (3,895 mm) | 15 ft 0 in (4,580 mm) | 18 ft 0 in (5,485 mm) | 14 ft 11 in (4,540 mm) | 18 ft 0 in (5,485 mm) | 14 ft 11 in (4,540 mm) | 18 ft 0 in (5,485 mm) | 14 ft 11 in (4,540 mm) |
| 13 ft 10.1 in (4,220 mm) | 17 ft 3 in (5,260 mm) | 20 ft 4.9 in (6,220 mm) | 14 ft 8.4 in (4,480 mm) | 20 ft 4.9 in (6,220 mm) | 14 ft 8.4 in (4,480 mm) | 20 ft 4.9 in (6,220 mm) | 14 ft 8.4 in (4,480 mm) |
| 20 ft 1.4 in (6,130 mm) | 23 ft 11.1 in (7,290 mm) | 28 ft 1 in (8,570 mm) | 23 ft 1 in (7,045 mm) | 28 ft 1 in (8,570 mm) | 23 ft 1 in (7,045 mm) | 28 ft 1 in (8,570 mm) | 23 ft 1 in (7,045 mm) |
| 9 ft 9.3 in (2,980 mm) | 12 ft 6.4 in (3,820 mm) | 15 ft 2 in (4,620 mm) | 11 ft 5.5 in (3,495 mm) | 15 ft 2 in (4,620 mm) | 11 ft 5.5 in (3,495 mm) | 15 ft 2 in (4,620 mm) | 11 ft 5.5 in (3,495 mm) |
| Rubber 6 ft 6.7 in (2,000 mm) | Rubber 7 ft 3 in (2,200 mm) | Rubber 8 ft 2 in (2,490 mm) | Rubber 7 ft 3 in (2,200 mm) | Rubber 8 ft 2 in (2,490 mm) | Rubber 7 ft 3 in (2,200 mm) | Rubber 8 ft 2 in (2,490 mm) | Rubber 7 ft 3 in (2,200 mm) |
| Steel 7 ft 7 in (2,300 mm) | Steel 7 ft 7 in (2,300 mm) | Steel 8 ft 6 in (2,590 mm) | Steel 7 ft 7 in (2,300 mm) | Steel 8 ft 6 in (2,590 mm) | Steel 7 ft 7 in (2,300 mm) | Steel 8 ft 6 in (2,590 mm) | Steel 7 ft 7 in (2,300 mm) |
| 8 ft 5.4 in (2,575 mm) | 8 ft 5 in (2,550 mm) | 9 ft 3 in (2,815 mm) | 8 ft 11.4 in (2,725 mm) | 9 ft 3 in (2,815 mm) | 8 ft 11.4 in (2,725 mm) | 9 ft 3 in (2,815 mm) | 8 ft 11.4 in (2,725 mm) |
| 18 ft 2.5 in (5,550 mm) | 21 ft 10 in (6,660 mm) | 25 ft 8 in (7,815 mm) | 20 ft 7.4 in (6,285 mm) | 25 ft 8 in (7,815 mm) | 20 ft 7.4 in (6,285 mm) | 25 ft 8 in (7,815 mm) | 20 ft 7.4 in (6,285 mm) |
| 1 ft 1.1 in (330 mm) | 1 ft 3 in (385 mm) | 1 ft 6.7 in (465 mm) | 1 ft 0.3 in (315 mm) | 1 ft 6.7 in (465 mm) | 1 ft 0.3 in (315 mm) | 1 ft 6.7 in (465 mm) | 1 ft 0.3 in (315 mm) |
| 1 ft 5 in (430 mm) | 1 ft 8 in (500 mm) | 1 ft 9.6 in (550 mm) | 1 ft 7.6 in (500 mm) | 1 ft 9.6 in (550 mm) | 1 ft 7.6 in (500 mm) | 1 ft 9.6 in (550 mm) | 1 ft 7.6 in (500 mm) |
| 78° Left / 55° Right | 70° Left / 60° Right | 77° Left / 53° Right | 30° Left / 15° Right | 77° Left / 53° Right | 30° Left / 15° Right | 77° Left / 53° Right | 30° Left / 15° Right |
| 6 ft 5.8 in (1,975 mm) | 6 ft 8 in (2,030 mm) | 7 ft 10 in (2,405 mm) | 5 ft 3.5 in (1,610 mm) | 7 ft 10 in (2,405 mm) | 5 ft 3.5 in (1,610 mm) | 7 ft 10 in (2,405 mm) | 5 ft 3.5 in (1,610 mm) |
| 4 ft 3.1 in (1,300 mm) | 5 ft 5 in (1,650 mm) | 6 ft 9 in (2,057 mm) | 4 ft 2.4 in (1,280 mm) | 6 ft 9 in (2,057 mm) | 4 ft 2.4 in (1,280 mm) | 6 ft 9 in (2,057 mm) | 4 ft 2.4 in (1,280 mm) |



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