

WARRANTY TERMS AND CONDITIONS

1.0 GENERAL WARRANTY INFORMATION

The Takeuchi warranty is a limited warranty that is provided to the retail purchaser in return for consideration paid as part of the purchase price of the product and, in the case of a coverage plan, in return for additional monies paid. The selling dealer must review the warranty coverage with the retail purchaser and obtain a signature on the Delivery Report and Warranty Registration Form. Subject to the terms of the Takeuchi warranty, Takeuchi warrants to the first purchaser that the new Takeuchi machine will be free from defects in material and workmanship for the period set forth below:

- **New Excavators, Rubber Track Loaders, and Wheel Loaders** - 24 months or 2,000 machine hours, whichever occurs first.
- **New Skid Steer Loaders** - 12 months.
- **Takeuchi Replacement Parts** - 12 months or to the end of the new machine warranty period, whichever is longer.
- **Batteries** - 12 months, pro rata basis.
- **Takeuchi Attachments and Options** - 12 months (excluding ground engaging attachments).
- **Rubber Tracks** - Takeuchi brand OEM 12 months, pro rata basis; NON-OEM 12 months, pro rata basis (parts only).

The warranty period for all coverage begins at the time that any one of the following conditions are met no matter which occurs first:

- **Unit is sold to a retail customer.**
- **Unit is placed into rental.**
- **Unit accumulates over 100 hours on hour meter.**
- **Twelve (12) months from the Takeuchi invoice due date.**

1.1 RESPONSIBILITY

Takeuchi's Responsibility:

- To provide customers and dealers with high quality and reliable equipment.
- To pay our dealers quickly and fairly for warrantable repairs.
- To analyze failed parts and review warranty claims so that we can take corrective action to reduce warranty incidents and increase customer satisfaction.
- To provide training regarding the maintenance and repair of Takeuchi products.
- To provide quick and easy access to required support information.

Dealer's Responsibility:

- To analyze the customer's needs and specify the right equipment for the application.
- To provide adequate facilities and equipment to properly service Takeuchi products.
- To employ technicians who are qualified to service Takeuchi products.
- To register equipment promptly when it is placed into service, so warranty coverage is in effect.
- To consider all factors and information when making/submitting a warranty claim and provide all requested information regarding the failure and repair in a timely fashion.
- To determine if the Takeuchi product is under warranty before performing any repairs.
- To repair Takeuchi products in a timely manner.
- To correctly repair Takeuchi products the first time.
- To submit a completed warranty claim online within 30 days of repair date.
- To retain the failed parts for 90 days after payment has been received.
- To perform required updates and modifications in a timely fashion.

Customer's Responsibility:

- To maintain the equipment in accordance with the instructions in the Operator's Manual, and to keep accurate records of this maintenance.
- To operate the equipment in a safe manner that is within the parameters of the designed utility.
- To cease operation of the equipment if a defect occurs so as to avoid extra

damage which may be caused by continued operation.

- To deliver the equipment to the dealer so that repairs can be made.
- To comply with all requests for updates and modifications required to be performed on any Takeuchi equipment.

The Takeuchi warranty remains in effect during the warranty period if the owner performs the required maintenance at the recommended intervals outlined in the product Operator's Manual and the unit is operated within its rated capacity. If a defect occurs, either in the material or workmanship, it is the customer's responsibility to cease operating the unit until repairs are made. DAMAGES OCCURRING FROM CONTINUED USE AND/OR NEGLIGENCE MAY NOT BE COVERED BY WARRANTY. Owners should contact their local authorized Takeuchi dealer immediately so that repairs can be made. It is the owner's responsibility to return the machine to an authorized repair facility for warranty repairs.

1.2 SECURING WARRANTY SERVICE

Warranty service must be obtained at an authorized Takeuchi dealer location or an approved Takeuchi service center and requested within the applicable coverage period.

- Takeuchi will, during the applicable warranty period, repair or replace at its option any component or parts (except those specified below) that, as delivered to the original purchaser, are defective in material and workmanship. Takeuchi will determine in its sole discretion, whether a defect of failure is covered by this warranty. No charge shall be made to the purchaser for parts and reasonable labor incurred in making the repairs except as otherwise stated below.
- Warranty repairs will be performed by an authorized Takeuchi service center upon delivery of the machine or defective part to the service center. At the time of requesting warranty service, the purchaser must present evidence of the date of purchase of the machine.
- The purchaser shall pay any premium for overtime and additional labor requested by the purchaser, any charge for field service calls, mileage charges, transporting the machine or parts thereof to and from the place where the warranty is performed and unusual freight charges for the shipment of parts from Takeuchi which the purchaser may request.

1.3 ITEMS NOT COVERED BY WARRANTY

The Takeuchi New Machine Limited Warranty does not cover:

- Any machine which has been altered or modified in a manner which, in the sole judgment of Takeuchi, affects its performance, stability or reliability, including the use of non-approved attachments.
- Depreciation or damage caused by normal wear and tear, failure to properly maintain the machine, improper use or abuse of the machine, collision, fire or accident, vandalism, negligence, or operation beyond rated capacity or specifications.
- Parts or components that are covered by separate and specific warranties, including but not limited to Engine Emission Control Systems, tires and warranties extended by other manufacturers.
- Accident or damage caused by the environment, such as but not limited to: exposure to corrosive or hazardous materials.
- Replacement of wear items, such as but not limited to buckets and bucket teeth, cutting edges, pins, bushings, glass, radios, tires, wheels, and undercarriage components.
- Normal maintenance parts and labor including, but not limited to: replenishment of oils, lubricants, coolants, fluids, hydraulic oil, lights, filters, belts, hoses and fittings.
- Machines not properly registered with Takeuchi when first placed into service.
- Costs associated with pickup and delivery of the equipment, rental of replacement equipment during the repair period, economic loss during the repair, overtime labor charges, travel time, mileage or zone charges and freight charges of replacement parts.

1.4 WARRANTY REGISTRATION

New machine warranty coverage begins when the machine is properly registered. Registration is realized when the registration is initiated online and completed by the

ORIGINAL Delivery Report and Warranty Registration Form being received and processed by Takeuchi. A machine must be registered when any of the following conditions are met no matter which occurs first:

- Unit is sold to a retail customer.
- Unit is placed into rental.
- Unit accumulates over 100 hours on hour meter.
- Twelve (12) months from the Takeuchi invoice due date.

Please note that if the Original Warranty registration is not received when the machine is put into service, the warranty start date will be determined by the sole judgment of Takeuchi Mfg. U.S. based on invoice paid date, hours, date sold to retail customer or dealer rental fleet in service date. Warranty claims will not be accepted until the proper registration has been received by Takeuchi Mfg. U.S.

The completed ORIGINAL warranty registration form must be sent to:

Takeuchi Mfg. U.S. Ltd.
Attn: Warranty Department
519 Bonnie Valentine Way
Pendergrass, GA 30567

1.5 WARRANTY REIMBURSEMENT

Takeuchi provides for warranty reimbursement due to defects in material or workmanship only. Warranty does not include restoring to factory new condition, any machine or portion thereof which has accumulated hours of operation. This includes customer-owned and used equipment still covered by warranty.

With the exception of only a few parts not available through Takeuchi, all Takeuchi warranty repairs must be performed using ONLY genuine Takeuchi new service parts. Installation of non-Takeuchi replacement parts does NOT qualify for warranty reimbursement and can void the machine's warranty.

Under no circumstance may a dealer take a credit against their open account for a pending warranty claim. Additionally, dealers are responsible for making sure that their parts account is maintained according to the Takeuchi Terms and Conditions Agreement. Failure to comply will subject the dealer to interest penalties, terms reduction, or parts termination.

Pre-Authorization: The dealer must obtain email pre-authorization from the Takeuchi Regional Service Manager for repairs to exceed \$3000. Final approval of repairs will be made by Takeuchi upon inspection of failed components. This email authorization should be attached to the warranty claim when submitted.

Parts: Takeuchi will reimburse servicing dealers for parts approved, based on the price in effect on the date the parts are replaced. Takeuchi will reimburse for approved parts used for repair, at 110% of dealer cost. This cost includes any discounts or programs taken to reduce the part cost. All parts replaced under warranty, not recalled by Takeuchi, must be retained by the dealership for 90 days after payment has been received.

Labor: Takeuchi shall reimburse the dealer at 100% of the dealer's posted retail shop labor rate (for in-shop repairs) on file with Takeuchi at the time the warranty claim is entered. Shop labor rates may be adjusted once a year during the second quarter. This retail shop labor rate shall be subject to verification by Takeuchi from copies of actual invoices to customers.

Outside Charges: Specialized repair, such as machine shop, radiator, or air conditioning repair not normally performed at some dealer locations, will be accepted as part of the warranty claim at actual cost. To support the claim, the dealer must explain the parts used and service work performed in the failure description and probable cause section of the warranty claim and submit a copy of the invoice.

Freight: The cost to return warranty recalled parts to Takeuchi will be reimbursed. Freight expense reimbursements are to be filed on a separate claim for all heavy items that have been recalled by the Warranty Department. The dealer is responsible for attaching a copy of the freight invoice to the warranty claim for processing.

Travel: Takeuchi does not reimburse for travel time or mileage. It is the customer's

responsibility to deliver a machine to an authorized service center for repairs.

1.6 FILING A WARRANTY CLAIM

In order to receive reimbursement for warranty work performed, dealers and authorized Takeuchi service centers should enter the claim information via the Takeuchi e-commerce website. All claims should be submitted to Takeuchi no later than 30 days from the date of repair.

NOTE: Failure to submit warranty claims in a timely fashion will result in non-payment of requested warranties.

Once the warranty claim is received by Takeuchi, a warranty claim number will be assigned. Dealers should check the Takeuchi e-commerce website to view the status on warranty claims as well as to see which parts (if any) are being recalled by Takeuchi. Any part recalled by Takeuchi will be noted on the web warranty claim. Takeuchi will also notify the dealer of the recall request. Recalled parts not received by Takeuchi within 45 days from request date will result in a DENIED warranty claim.

All recalled parts returning to Takeuchi must contain a copy of the Return Merchandise Authorization (RMA) Form and the return authorization number should be printed on the outside of the box. Failure to enclose a copy of the RMA form or indicating the RMA number on the outside of the box will result in your parts being refused in the receiving department, thus delaying the claim process.

1.7 EXTENDED WARRANTY

Takeuchi offers Power Protection Plans that are available for purchase on all machines during the New Machine Limited Warranty period. These plans are for varying periods of time and varying degrees of coverage, but are subject to the same conditions as the original Takeuchi limited warranty.

1.8 POWER PROTECTION PLAN TRANSFER

The Takeuchi Power Protection Plan is transferable on all machines by filling out a transfer form and remitting the warranty transfer fee of fifty dollars (\$50.00) to:

Takeuchi Mfg. U.S. Ltd.
Attn: Warranty Department
519 Bonnie Valentine Way
Pendergrass, GA 30567

1.9 MODIFICATION/SAFETY BULLETIN NOTIFICATION

Takeuchi strives to provide quality dependable equipment. Problem areas sometimes require correction to maintain customer confidence and loyalty. In such instances, Takeuchi may deem it mandatory that such problems be corrected on both customer machines and dealer inventory units at the earliest possible time. Such action is referred to as a field modification.

Dealers will be advised of the exact procedures to be followed and reimbursement rates are as follows:

- Modification and safety bulletin notifications will be e-mailed to the dealer's specified e-mail address provided by each dealer. These bulletins will also be available online through the e-commerce website.
- Parts necessary to complete the modification will be made available either via automatic shipment by Takeuchi to the dealer of record or the dealer will be advised to order the required parts.
- All modifications must be performed in an expeditious manner, as time is of the essence.
- All warranty claims for modifications must reference the modification number on the warranty claim.

Dealer: _____

By: _____

Title: _____

Date: _____

P3 Power Protection Plan

TAKEUCHI

The Power of Product and Support

1 Series

Please visit the dealer portal for more detail on the Power Protection Plan or call the Pendergrass office.

Excavators

		TB 108	TB 016	TB 125	TB 135	TB 145	TB 153FR	TB 145	TB 153FR	TB 175	TB 180FR	TB 1140
3YR2000HR	Power train	EW10BP32	EW10BP32	EW12SP32	EW13SP32	EW14SP32	EW13BP32	EW14SP32	EW13BP32	EW15SP32	EW16SP32	EW1140PH32
	Power train	\$678	\$628	\$724	\$899	\$1,186	\$1,046	\$1,186	\$1,340	\$1,817	\$2,072	\$3,045
3YR2000HR	Power Train & Hydraulic	EW10BP32	EW10BP32	EW12SP32	EW13SP32	EW14SP32	EW13BP32	EW14SP32	EW13BP32	EW15SP32	EW16SP32	EW1140PH32
	Power Train & Hydraulic	\$797	\$1,047	\$1,206	\$1,498	\$1,976	\$1,747	\$1,976	\$2,233	\$3,078	\$3,453	\$5,075
3YR2000HR	Power Train & Hydraulic	EW10BP32	EW10BP32	EW12SP32	EW13SP32	EW14SP32	EW13BP32	EW14SP32	EW13BP32	EW15SP32	EW16SP32	EW1140PH32
	Full Machine	\$996	\$1,308	\$1,508	\$1,872	\$2,470	\$2,184	\$2,470	\$2,791	\$3,848	\$4,316	\$6,344
4YR4000HR	Power train	EW10BP42	EW10BP42	EW12SP42	EW13SP42	EW14SP42	EW13BP42	EW14SP42	EW13BP42	EW15SP42	EW16SP42	EW1140PH42
	Power train	\$1,116	\$1,465	\$1,689	\$2,087	\$2,786	\$2,446	\$2,786	\$3,126	\$4,310	\$4,834	\$7,105
4YR4000HR	Power Train & Hydraulic	EW10BP42	EW10BP42	EW12SP42	EW13SP42	EW14SP42	EW13BP42	EW14SP42	EW13BP42	EW15SP42	EW16SP42	EW1140PH42
	Power Train & Hydraulic	\$1,714	\$2,250	\$2,594	\$3,220	\$4,248	\$3,756	\$4,248	\$4,801	\$6,619	\$7,424	\$10,912
5YR5000HR	Power train	EW10BP52	EW10BP52	EW12SP52	EW13SP52	EW14SP52	EW13BP52	EW14SP52	EW13BP52	EW15SP52	EW16SP52	EW1140PH52
	Power train	\$1,275	\$1,675	\$1,930	\$2,396	\$3,192	\$2,796	\$3,192	\$3,573	\$4,925	\$5,524	\$8,120
5YR5000HR	Power Train & Hydraulic	EW10BP52	EW10BP52	EW12SP52	EW13SP52	EW14SP52	EW13BP52	EW14SP52	EW13BP52	EW15SP52	EW16SP52	EW1140PH52
	Power Train & Hydraulic	\$1,953	\$2,584	\$2,956	\$3,689	\$4,941	\$4,281	\$4,941	\$5,471	\$7,542	\$8,459	\$12,454

Track Loaders

		TL 120	TL 130	TL 140	TL 150	TW 50	TW 60	TW 65	TW 80
3YR2000HR	Power train	EW120P32	EW130P32	EW140P32	EW150P32	EW50P32	EW60P32	EW65P32	EW80P32
	Power train	\$711	\$849	\$1,011	\$1,268	\$1,236	\$1,173	\$1,483	\$1,687
3YR2000HR	Power Train & Hydraulic	EW120P32	EW130P32	EW140P32	EW150P32	EW50P32	EW60P32	EW65P32	EW80P32
	Power Train & Hydraulic	\$1,165	\$1,474	\$1,685	\$2,163	\$2,059	\$1,955	\$2,471	\$2,829
3YR2000HR	Power Train & Hydraulic	EW120P32	EW130P32	EW140P32	EW150P32	EW50P32	EW60P32	EW65P32	EW80P32
	Full Machine	\$1,492	\$1,768	\$2,108	\$2,704	\$2,574	\$2,444	\$3,089	\$3,536
4YR4000HR	Power train	EW120P42	EW130P42	EW140P42	EW150P42	EW50P42	EW60P42	EW65P42	EW80P42
	Power train	\$1,660	\$1,980	\$2,359	\$3,028	\$2,883	\$2,737	\$3,458	\$3,960
4YR4000HR	Power Train & Hydraulic	EW120P42	EW130P42	EW140P42	EW150P42	EW50P42	EW60P42	EW65P42	EW80P42
	Power Train & Hydraulic	\$2,549	\$3,041	\$3,622	\$4,651	\$4,427	\$4,204	\$5,313	\$6,062
5YR5000HR	Power train	EW120P52	EW130P52	EW140P52	EW150P52	EW50P52	EW60P52	EW65P52	EW80P52
	Power train	\$1,887	\$2,263	\$2,696	\$3,461	\$3,295	\$3,128	\$3,954	\$4,526
5YR5000HR	Power Train & Hydraulic	EW120P52	EW130P52	EW140P52	EW150P52	EW50P52	EW60P52	EW65P52	EW80P52
	Power Train & Hydraulic	\$2,905	\$3,465	\$4,128	\$5,360	\$5,045	\$4,730	\$5,954	\$6,921

Wheel Loaders

		TL 120	TL 130	TL 140	TL 150	TW 50	TW 60	TW 65	TW 80
3YR2000HR	Power train	EW120P32	EW130P32	EW140P32	EW150P32	EW50P32	EW60P32	EW65P32	EW80P32
	Power train	\$711	\$849	\$1,011	\$1,268	\$1,236	\$1,173	\$1,483	\$1,687
3YR2000HR	Power Train & Hydraulic	EW120P32	EW130P32	EW140P32	EW150P32	EW50P32	EW60P32	EW65P32	EW80P32
	Power Train & Hydraulic	\$1,165	\$1,474	\$1,685	\$2,163	\$2,059	\$1,955	\$2,471	\$2,829
3YR2000HR	Power Train & Hydraulic	EW120P32	EW130P32	EW140P32	EW150P32	EW50P32	EW60P32	EW65P32	EW80P32
	Full Machine	\$1,492	\$1,768	\$2,108	\$2,704	\$2,574	\$2,444	\$3,089	\$3,536
4YR4000HR	Power train	EW120P42	EW130P42	EW140P42	EW150P42	EW50P42	EW60P42	EW65P42	EW80P42
	Power train	\$1,660	\$1,980	\$2,359	\$3,028	\$2,883	\$2,737	\$3,458	\$3,960
4YR4000HR	Power Train & Hydraulic	EW120P42	EW130P42	EW140P42	EW150P42	EW50P42	EW60P42	EW65P42	EW80P42
	Power Train & Hydraulic	\$2,549	\$3,041	\$3,622	\$4,651	\$4,427	\$4,204	\$5,313	\$6,062
5YR5000HR	Power train	EW120P52	EW130P52	EW140P52	EW150P52	EW50P52	EW60P52	EW65P52	EW80P52
	Power train	\$1,887	\$2,263	\$2,696	\$3,461	\$3,295	\$3,128	\$3,954	\$4,526
5YR5000HR	Power Train & Hydraulic	EW120P52	EW130P52	EW140P52	EW150P52	EW50P52	EW60P52	EW65P52	EW80P52
	Power Train & Hydraulic	\$2,905	\$3,465	\$4,128	\$5,360	\$5,045	\$4,730	\$5,954	\$6,921

P3 Power Protection Plan

2 Series



Please visit the dealer portal for more detail on the Power Protection Plan or call the Pendergrass office.

Excavators

Model	TB228		TB235		TB235A		TB250		TB260A		TB285	
	Item Number	List	Item Number	List	Item Number	List	Item Number	List	Item Number	List	Item Number	List
3YR3000HR	Power train	EW228P31	EW235P31	EW235AP31	EW250P31	EW250AP31	EW260P31	EW260AP31	EW285P31	EW285AP31	EW285P31	EW285AP31
3YR3000HR	Power train	\$916	\$948	\$1,008	\$1,323	\$1,390	\$2,022	\$2,022	\$2,022	\$2,022	\$2,022	\$2,022
3YR3000HR	Power Train & Hydraulic	EW228PH31	EW235PH31	EW235APH31	EW250PH31	EW250APH31	EW260PH31	EW260APH31	EW285PH31	EW285APH31	EW285PH31	EW285APH31
3YR3000HR	Power Train & Hydraulic	\$1,360	\$1,561	\$1,681	\$2,205	\$2,267	\$3,370	\$3,370	\$3,370	\$3,370	\$3,370	\$3,370
3YR3000HR	Full Machine	EW228FM31	EW235FM31	EW235AFM31	EW250FM31	EW250AFM31	EW260FM31	EW260AFM31	EW285FM31	EW285AFM31	EW285FM31	EW285AFM31
3YR3000HR	Full Machine	\$1,700	\$1,975	\$2,191	\$2,756	\$2,834	\$4,212	\$4,212	\$4,212	\$4,212	\$4,212	\$4,212
4YR4000HR	Power train	EW228P41	EW235P41	EW235AP41	EW250P41	EW250AP41	EW260P41	EW260AP41	EW285P41	EW285AP41	EW285P41	EW285AP41
4YR4000HR	Power train	\$1,904	\$2,213	\$2,353	\$3,087	\$3,174	\$4,717	\$4,717	\$4,717	\$4,717	\$4,717	\$4,717
4YR4000HR	Power Train & Hydraulic	EW228PH41	EW235PH41	EW235APH41	EW250PH41	EW250APH41	EW260PH41	EW260APH41	EW285PH41	EW285APH41	EW285PH41	EW285APH41
4YR4000HR	Power Train & Hydraulic	\$2,925	\$3,399	\$3,613	\$4,740	\$4,874	\$7,245	\$7,245	\$7,245	\$7,245	\$7,245	\$7,245
5YR5000HR	Power train	EW228P51	EW235P51	EW235AP51	EW250P51	EW250AP51	EW260P51	EW260AP51	EW285P51	EW285AP51	EW285P51	EW285AP51
5YR5000HR	Power train	\$2,177	\$2,529	\$2,689	\$3,528	\$3,628	\$5,391	\$5,391	\$5,391	\$5,391	\$5,391	\$5,391
5YR5000HR	Power Train & Hydraulic	EW228PH51	EW235PH51	EW235APH51	EW250PH51	EW250APH51	EW260PH51	EW260APH51	EW285PH51	EW285APH51	EW285PH51	EW285APH51
5YR5000HR	Power Train & Hydraulic	\$3,333	\$3,873	\$4,118	\$5,402	\$5,555	\$8,256	\$8,256	\$8,256	\$8,256	\$8,256	\$8,256

Track Loaders

Model	TL220		TL230		TL240		TL240H		TL250		TL260H		TL270		TL280H		TL290H		TL300H		TL310H		
	Item Number	List	Item Number	List	Item Number	List	Item Number	List	Item Number	List	Item Number	List	Item Number	List	Item Number	List	Item Number	List	Item Number	List	Item Number	List	
3YR3000HR	Power train	EWL220P31	EWL230P31	EWL240P31	EWL240HP31	EWL250P31	EWL250HP31	EWL260P31	EWL260HP31	EWL270P31	EWL270HP31	EWL280P31	EWL280HP31	EWL290P31	EWL290HP31	EWL300P31	EWL300HP31	EWL310P31	EWL310HP31	EWL320P31	EWL320HP31	EWL330P31	EWL330HP31
3YR3000HR	Power train	\$749	\$992	\$1,098	\$1,323	\$1,373	\$1,486	\$1,486	\$1,486	\$1,486	\$1,486	\$1,486	\$1,486	\$1,486	\$1,486	\$1,486	\$1,486	\$1,486	\$1,486	\$1,486	\$1,486	\$1,486	\$1,486
3YR3000HR	Power Train & Hydraulic	EWL220PH31	EWL230PH31	EWL240PH31	EWL240HPH31	EWL250PH31	EWL250HPH31	EWL260PH31	EWL260HPH31	EWL270PH31	EWL270HPH31	EWL280PH31	EWL280HPH31	EWL290PH31	EWL290HPH31	EWL300PH31	EWL300HPH31	EWL310PH31	EWL310HPH31	EWL320PH31	EWL320HPH31	EWL330PH31	EWL330HPH31
3YR3000HR	Power Train & Hydraulic	\$1,248	\$1,654	\$1,830	\$2,205	\$2,268	\$2,477	\$2,477	\$2,477	\$2,477	\$2,477	\$2,477	\$2,477	\$2,477	\$2,477	\$2,477	\$2,477	\$2,477	\$2,477	\$2,477	\$2,477	\$2,477	\$2,477
3YR3000HR	Full Machine	EWL220FM31	EWL230FM31	EWL240FM31	EWL240HPFM31	EWL250FM31	EWL250HPFM31	EWL260FM31	EWL260HPFM31	EWL270FM31	EWL270HPFM31	EWL280FM31	EWL280HPFM31	EWL290FM31	EWL290HPFM31	EWL300FM31	EWL300HPFM31	EWL310FM31	EWL310HPFM31	EWL320FM31	EWL320HPFM31	EWL330FM31	EWL330HPFM31
3YR3000HR	Full Machine	\$1,960	\$2,068	\$2,288	\$2,756	\$2,860	\$3,096	\$3,096	\$3,096	\$3,096	\$3,096	\$3,096	\$3,096	\$3,096	\$3,096	\$3,096	\$3,096	\$3,096	\$3,096	\$3,096	\$3,096	\$3,096	\$3,096
4YR4000HR	Power train	EWL220P41	EWL230P41	EWL240P41	EWL240HP41	EWL250P41	EWL250HP41	EWL260P41	EWL260HP41	EWL270P41	EWL270HP41	EWL280P41	EWL280HP41	EWL290P41	EWL290HP41	EWL300P41	EWL300HP41	EWL310P41	EWL310HP41	EWL320P41	EWL320HP41	EWL330P41	EWL330HP41
4YR4000HR	Power train	\$1,747	\$2,316	\$2,583	\$3,087	\$3,203	\$3,467	\$3,467	\$3,467	\$3,467	\$3,467	\$3,467	\$3,467	\$3,467	\$3,467	\$3,467	\$3,467	\$3,467	\$3,467	\$3,467	\$3,467	\$3,467	\$3,467
4YR4000HR	Power Train & Hydraulic	EWL220PH41	EWL230PH41	EWL240PH41	EWL240HPH41	EWL250PH41	EWL250HPH41	EWL260PH41	EWL260HPH41	EWL270PH41	EWL270HPH41	EWL280PH41	EWL280HPH41	EWL290PH41	EWL290HPH41	EWL300PH41	EWL300HPH41	EWL310PH41	EWL310HPH41	EWL320PH41	EWL320HPH41	EWL330PH41	EWL330HPH41
4YR4000HR	Power Train & Hydraulic	\$2,883	\$3,566	\$3,935	\$4,740	\$4,819	\$5,325	\$5,325	\$5,325	\$5,325	\$5,325	\$5,325	\$5,325	\$5,325	\$5,325	\$5,325	\$5,325	\$5,325	\$5,325	\$5,325	\$5,325	\$5,325	\$5,325
5YR5000HR	Power train	EWL220P51	EWL230P51	EWL240P51	EWL240HP51	EWL250P51	EWL250HP51	EWL260P51	EWL260HP51	EWL270P51	EWL270HP51	EWL280P51	EWL280HP51	EWL290P51	EWL290HP51	EWL300P51	EWL300HP51	EWL310P51	EWL310HP51	EWL320P51	EWL320HP51	EWL330P51	EWL330HP51
5YR5000HR	Power train	\$1,987	\$2,648	\$2,929	\$3,528	\$3,661	\$3,983	\$3,983	\$3,983	\$3,983	\$3,983	\$3,983	\$3,983	\$3,983	\$3,983	\$3,983	\$3,983	\$3,983	\$3,983	\$3,983	\$3,983	\$3,983	\$3,983
5YR5000HR	Power Train & Hydraulic	EWL220PH51	EWL230PH51	EWL240PH51	EWL240HPH51	EWL250PH51	EWL250HPH51	EWL260PH51	EWL260HPH51	EWL270PH51	EWL270HPH51	EWL280PH51	EWL280HPH51	EWL290PH51	EWL290HPH51	EWL300PH51	EWL300HPH51	EWL310PH51	EWL310HPH51	EWL320PH51	EWL320HPH51	EWL330PH51	EWL330HPH51
5YR5000HR	Power Train & Hydraulic	\$3,058	\$4,052	\$4,484	\$5,402	\$5,608	\$6,013	\$6,013	\$6,013	\$6,013	\$6,013	\$6,013	\$6,013	\$6,013	\$6,013	\$6,013	\$6,013	\$6,013	\$6,013	\$6,013	\$6,013	\$6,013	\$6,013

Skid Steer Loaders

Model	TS50		TS60		TS70		TS80	
	Item Number	List	Item Number	List	Item Number	List	Item Number	List
2YR2000HR	Power train	EW500P21	EW500P21	EW500P21	EW500P21	EW500P21	EW500P21	EW500P21
2YR2000HR	Power train	\$972	\$1,057	\$1,252	\$1,374	\$1,374	\$1,374	\$1,374
2YR2000HR	Power Train & Hydraulic	EW500PH21	EW500PH21	EW500PH21	EW500PH21	EW500PH21	EW500PH21	EW500PH21
2YR2000HR	Power Train & Hydraulic	\$1,327	\$1,443	\$1,708	\$1,875	\$1,875	\$1,875	\$1,875
2YR2000HR	Full Machine	EW500FM21	EW500FM21	EW500FM21	EW500FM21	EW500FM21	EW500FM21	EW500FM21
2YR2000HR	Full Machine	\$1,580	\$2,047	\$2,047	\$2,249	\$2,249	\$2,249	\$2,249
3YR3000HR	Power train	EW500P31	EW500P31	EW500P31	EW500P31	EW500P31	EW500P31	EW500P31
3YR3000HR	Power train	\$1,170	\$1,272	\$1,506	\$1,653	\$1,653	\$1,653	\$1,653
3YR3000HR	Power Train & Hydraulic	EW500PH31	EW500PH31	EW500PH31	EW500PH31	EW500PH31	EW500PH31	EW500PH31
3YR3000HR	Power Train & Hydraulic	\$1,716	\$1,866	\$2,209	\$2,424	\$2,424	\$2,424	\$2,424
3YR3000HR	Full Machine	EW500FM31	EW500FM31	EW500FM31	EW500FM31	EW500FM31	EW500FM31	EW500FM31
3YR3000HR	Full Machine	\$2,134	\$2,746	\$3,014	\$3,014	\$3,014	\$3,014	\$3,014
4YR4000HR	Power train	EW500P41	EW500P41	EW500P41	EW500P41	EW500P41	EW500P41	EW500P41
4YR4000HR	Power train	\$3,266	\$3,561	\$4,204	\$4,614	\$4,614	\$4,614	\$4,614
4YR4000HR	Power Train & Hydraulic	EW500PH41	EW500PH41	EW500PH41	EW500PH41	EW500PH41	EW500PH41	EW500PH41
4YR4000HR	Power Train & Hydraulic	\$4,101	\$4,459	\$5,279	\$5,784	\$5,784	\$5,784	\$5,784
5YR5000HR	Power train	EW500P51	EW500P51	EW500P51	EW500P51	EW500P51	EW500P51	EW500P51
5YR5000HR	Power train	\$3,512	\$3,819	\$4,982	\$4,982	\$4,982	\$4,982	\$4,982
5YR5000HR	Power Train & Hydraulic	EW500PH51	EW500PH51	EW500PH51	EW500PH51	EW500PH51	EW500PH51	EW500PH51
5YR5000HR	Power Train & Hydraulic	\$4,353	\$4,776	\$5,655	\$6,206	\$6,206	\$6,206	\$6,206

TAKEUCHI

TB138FR

519 Bonnie Valentine Way, Pendergrass, GA 30567
Tel:706-693-3800 Fax:706-693-3725

www.takeuchi-us.com

Zero Swing Excavator

STANDARD EQUIPMENT

Operating Weight: 8,316 lbs.	ROPS/TOPS/FOPS 4 post canopy
Width: 5' 9"	Side-to-Side (STS) Offset Boom System
Maximum Dig Depth: 10' 11"	Tilt-up operators platform
Bucket Digging Force: 8,955 lbs.	Travel alarm
Horsepower / RPM: 28.8 / 2,400	Two speed travel with automatic shift down
Travel Speed: 1.6 / 3.1 mph	Control pattern selector valve
Auxiliary Flow: 15.6 gpm	Pilot operated joystick controls with safety lock out
Boom swing: Left 30°/ Right 15°	Cast iron, wrap around counterweight
14" wide half pitch rubber tracks	Adjustable suspension seat with retractable seat belt
	Two-way auxiliary hydraulic circuit routed to the end of the arm
	Variable displacement axial piston main hydraulic pumps
Pilot accumulator	Electronic engine monitoring system
	Electrohydraulic push button controls of auxiliary hydraulic circuit
	Proportional slide switch control auxiliary hydraulics

BASE MACHINE WITH STANDARD EQUIPMENT

Factory Code	Description	Suggested List Price
TB138FR	TB138FR Equipped with ROPS/TOPS/FOPS canopy, Rubber tracks, Control pattern change valve, Travel alarm, Auxiliary hydraulics, Engine monitoring system	
TB138FRC	TB138FR Equipped with ROPS/TOPS/FOPS CAB, Rubber tracks, Control pattern change valve, Travel alarm, Auxiliary hydraulics, Engine monitoring system, Slide back front window, Air Conditioner/Heat, Defroster, AM/FM radio, Windshield wiper and washer, Cab light	

BASE MACHINE PRICE DOES NOT INCLUDE BUCKET

ATTACHMENTS

BTB13512	12" Pin-On Bucket with teeth, 1.9 cu. ft. capacity	\$650
BTB13518	18" Pin-On Bucket with teeth, 2.7 cu. ft. capacity	\$675
BTB13524 *	24" Pin-On Bucket with teeth, 3.9 cu. ft. capacity	\$835
BQC13500	Quick Coupler	\$785
BQC12512	12" Quick Coupler Bucket with teeth, 1.9 cu. ft. capacity	\$650
BQC12513	13" Quick Coupler Bucket with teeth, 2.0 cu. ft. capacity	\$675
BQC12518	18" Quick Coupler Bucket with teeth, 2.7 cu. ft. capacity	\$675
BQC12524 *	24" Quick Coupler Bucket with teeth, 3.9 cu. ft. capacity	\$835
BTH135I	INSTALLED Hydraulic thumb (Only compatible w/ 13" or larger Buckets)	\$1,920

FIELD INSALLED OPTIONS

1914199948	3" Retractable seat belt in lieu of standard 2"	\$91
BTH135K *	Hydraulic thumb (Only compatible with 13" and larger buckets)	\$1,575

* NOTE: The Zero Swing front radius feature is only available for the standard bucket attachment (24" or smaller)

Prices and specifications
subject to change without notice

P-7
Prices are in US Dollar

Prices are F.O.B. Pendergrass,GA
Effective 1 January 2013

TAKEUCHI

TB153FR

519 Bonnie Valentine Way, Pendergrass, GA 30567
Tel: 706-693-3600 Fax: 706-693-3725

Zero Swing Excavator

www.takeuchi-us.com

STANDARD EQUIPMENT	
Operating Weight: 12,450 lbs.	TOPS/FOPS 4 post canopy
Width: 6' 7"	Side-to-Side (STS) Offset Boom System
Maximum Dig Depth: 12' 10"	Tilt-up operators platform
Bucket Digging Force: 11,093 lbs.	Travel alarm
Horsepower / RPM: 38.7 / 2,400	Two speed travel with automatic shift down
Travel Speed: 1.7 / 3.1 mph	Control pattern selector valve
Auxiliary Flow: 25.6 gpm	Pilot operated joystick controls with safety lock out
Boom swing: Left 30° / Right 15°	Cast iron, wrap around counterweight
15.7" wide half pitch rubber tracks	Adjustable suspension seat with retractable seat belt
	Two-way auxiliary hydraulic circuit routed to the end of the arm
	Variable displacement axial piston main hydraulic pumps
Pilot accumulator	Load safety device that includes holding valve with lift overload alarm
Electronic engine monitoring system	Electrohydraulic push button controls of auxiliary hydraulic circuit
	Proportional slide switch control auxiliary hydraulics

BASE MACHINE WITH STANDARD EQUIPMENT		
Factory Code	Description	Suggested List Price
TB153FR	TB153FR Equipped with TOPS/FOPS canopy, Rubber tracks, Control pattern change valve, Travel alarm, Auxiliary hydraulics, Engine monitoring system	
TB153FRC	TB153FR Equipped with TOPS/FOPS CAB, Rubber tracks, Control pattern change valve, Travel alarm, Auxiliary hydraulics, Engine monitoring system, Slide back front window, Air Conditioner/Heat, Defroster, AM/FM MP3 radio, Windshield wiper and washer, Cab light	

BASE MACHINE PRICE DOES NOT INCLUDE BUCKET

ATTACHMENTS		
BTB14512	12" Pin-On Bucket with teeth, 2.6 cu. ft. capacity	\$945
BTB14518	18" Pin-On Bucket with teeth, 3.7 cu. ft. capacity	\$1,000
BTB14524	24" Pin-On Bucket with teeth, 5.1 cu. ft. capacity	\$1,080
BTB14536 *	36" Pin-On Bucket with teeth, 7.6 cu. ft. capacity	\$1,340
BQC14500	Quick Coupler	\$800
BQC14512	12" Quick Coupler Bucket with teeth, 2.8 cu. ft. capacity	\$945
BQC14518	18" Quick Coupler Bucket with teeth, 4.2 cu. ft. capacity	\$1,000
BQC14524	24" Quick Coupler Bucket with teeth, 5.6 cu. ft. capacity	\$1,080
BQC14536 *	36" Quick Coupler Bucket with teeth, 8.3 cu. ft. capacity	\$1,340
BTH145I	INSTALLED Hydraulic thumb (Only compatible w/ 18" or larger Buckets)	\$2,070

FIELD INSTALLED OPTIONS		
1914199948	3" Retractable seat belt in lieu of standard 2"	\$91
BTH145K *	Hydraulic thumb (Only compatible with 18" and larger buckets)	\$1,722

* NOTE: The Zero Swing front radius feature is only available for the standard bucket attachment (24" or smaller)

Prices and specifications
subject to change without notice

P-8
Prices are in US Dollar

Prices are F.O.B. Pendergrass, GA
Effective 1 January 2013

TAKEUCHI

519 Bonnie Valentine Way, Pendergrass, GA 30567
 Tel:706-693-3600 Fax:706-693-3725
 www.takeuchi-us.com

TB250

Compact Excavator

Operating Weight: 10,650 lbs.	ROPS/TOPS/FOPS 4 post canopy
Width: 6' 0"	Tilt-up operators platform
Maximum Dig Depth: 12' 5"	Travel alarm
Bucket Digging Force: 11,031 lbs.	Two speed travel with automatic shift down
Horsepower / RPM: 38 / 2,400	Control pattern selector valve
Travel Speed: 1.7 / 3.2 mph	Pilot operated joystick controls with safety lock out
Auxiliary Flow: 25.6 gpm	Cast iron, wrap around counterweight
Boom swing: Left 80° / Right 60°	Adjustable suspension seat with retractable seat belt
15.7" wide half pitch rubber tracks	Two-way auxiliary hydraulic circuit routed to the end of the arm
	Variable displacement axial piston main hydraulic pumps
	Thumb mount bracket installed
	Electronic engine monitoring system
	Proportional slide switch control auxiliary hydraulics with detent function
	Heavy duty blade with float

BASE MACHINE WITH STANDARD EQUIPMENT

Factory Code	Description	Suggested List Price
TB250	TB250 Equipped with ROPS/TOPS/FOPS canopy, Rubber or Steel tracks, Control pattern change valve, Travel alarm, Auxiliary hydraulics, Engine monitoring system	
TB250A (w/Angle Blade)	TB250 Canopy (above Equipped) with Angle Blade	

TB250C	TB250 Equipped with ROPS/TOPS/FOPS CAB, Rubber or Steel tracks, Air Conditioner/Heat, Defroster, Cab light Control pattern change valve, Travel Alarm, Auxiliary hydraulics, Slide back front window, AM/FM Radio w/Aux Windshield wiper and washer, Engine monitoring system	
TB250CA (w/Angle Blade)	TB250 Cab (above Equipped) with Angle Blade	

BASE MACHINE PRICE DOES NOT INCLUDE BUCKET

ATTACHMENTS

BTB14512	12" Pin-On Bucket with teeth, 2.6 cu. ft. capacity	\$945
BTB14518	18" Pin-On Bucket with teeth, 3.7 cu. ft. capacity	\$1,000
BTB14524	24" Pin-On Bucket with teeth, 5.1 cu. ft. capacity	\$1,080
BTB14536	36" Pin-On Bucket with teeth, 7.6 cu. ft. capacity	\$1,340
BQC14500	Quick Coupler	\$800
BQC14512	12" Quick Coupler Bucket with teeth, 2.8 cu. ft. capacity	\$945
BQC14518	18" Quick Coupler Bucket with teeth, 4.2 cu. ft. capacity	\$1,000
BQC14524	24" Quick Coupler Bucket with teeth, 5.6 cu. ft. capacity	\$1,080
BQC14536	36" Quick Coupler Bucket with teeth, 8.3 cu. ft. capacity	\$1,340
BTH145I	INSTALLED Hydraulic thumb (Only compatible w/ 18" or larger Buckets)	\$2,070

FIELD INSTALLED OPTIONS

1914199948	3" Retractable seat belt in lieu of standard 2"	\$91
1914051691	Bolt on Rubber Pads (order Qty 2) for TB250 Steel Track unit	\$2,164
BTH145K	Hydraulic thumb (Only compatible with 18" and larger buckets)	\$1,722

Prices and specifications
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P-5-A
 Prices are in US Dollar

Prices are F.O.B. Pendergrass, GA
 Effective 1 January 2013

TAKEUCHI

519 Bonnie Valentine Way, Pendergrass, GA 30567
 Tel: 706-693-3600 Fax: 706-693-3725
 www.takeuchi-us.com

TB260

Compact Excavator

STANDARD EQUIPMENT	
Operating Weight: 12,509 lbs. Width: 6' 6.7"	ROPS/FOPS enclosed cab w/ air conditioner, AM/FM/MP3 radio and 12v power outlet
Maximum Dig Depth: 12' 9.4"	Color gauge panel with multi-function operator information center
Bucket Digging Force: 12,756 lbs.	Adjustable high back suspension seat
Horsepower / RPM: 47.6 / 2,400	Pilot operated joystick control with control pattern change valve
Travel Speed: 1.7 / 3.0 mph	Proportional slide switch control auxiliary hydraulics
Primary Aux Flow: 27.0 gpm	EPA Final Tier 4 Turbocharged engine with automatic idle feature
Second Aux Flow: 11.6 gpm	Self bleeding fuel system with ground level fuel fill and sight gauge
Boom swing: Left 78° / Right 55°	Side by side radiator and hydraulic cooler
15.7" wide rubber tracks	Variable Displacement axial piston pump
	Primary and secondary 2-way auxiliary hydraulic circuits w/adjustable flow control system
Two speed travel with automatic shift down	Primary auxiliary continuous mode and one-way mode
Reinforced arm w/ Intergraded thumb mount	Safety features include: ROPS/FOPS enclosed cab, large skylight with sun shade, travel alarm, retractable seat belt, control lockout, pilot accumulator, boom holding valve with lift alarm
Heavy duty dozer blade with float	

BASE MACHINE WITH STANDARD EQUIPMENT		
Factory Code	Description	Suggested List Price
TB260C	TB260 Equipped with Rubber or Steel Tracks, ROPS/FOPS Enclosed Cab, Air Conditioner/Heat, Defroster, Control Pattern Change Valve, Travel Alarm, Dual Auxiliary Hydraulics, Engine Monitoring System, Slide Back Front Window, AM/FM/MP3 Radio, Windshield Wiper and Washer, Cab Light, 12v Power Outlet	
TB260CA (w/Angle Blade)	TB260 Cab (above Equipped) with Angle Blade	

BASE MACHINE PRICE DOES NOT INCLUDE BUCKET

ATTACHMENTS		
BTB26012	12" Pin-On Bucket with Teeth, 2.6 cu. ft. capacity	\$945
BTB26018	18" Pin-On Bucket with Teeth, 3.7 cu. ft. capacity	\$1,000
BTB26024	24" Pin-On Bucket with Teeth, 5.1 cu. ft. capacity	\$1,080
BTB26036	36" Pin-On Bucket with Teeth, 7.6 cu. ft. capacity	\$1,340
BQC26000	Quick Coupler	\$800
BQC14512	12" Quick Coupler Bucket with Teeth, 2.8 cu. ft. capacity	\$945
BQC14518	18" Quick Coupler Bucket with Teeth, 4.2 cu. ft. capacity	\$1,000
BQC14524	24" Quick Coupler Bucket with Teeth, 5.6 cu. ft. capacity	\$1,080
BQC14536	36" Quick Coupler Bucket with Teeth, 8.3 cu. ft. capacity	\$1,340
BTH260I	INSTALLED Hydraulic thumb (Only compatible w/ 18" or larger Buckets)	\$2,070

FIELD INSTALLED OPTIONS		
1914199948	3" Retractable seat belt in lieu of standard 2"	\$91
BTH260K	Hydraulic Thumb (Only compatible with 18" and larger buckets)	\$1,722

Prices and specifications subject to change without notice

P-5-B
 Prices are in US Dollar

Prices are F.O.B. Pendergrass, GA
 Effective 1 July 2013



Model	Description	List Price
Stanley Mounted Breakers		
MB1560	LaBounty -Excavator Mount - 11" Pin Centers	\$ 5,830
MB15600	Stanley -Excavator Mount - 6" and 4" Pin Centers	\$ 5,830
MB15614	Stanley -Excavator Mount - Flange Top	\$ 5,830
MB1561SBN	LaBounty -Narrow Skid Steer - 11" Pin Centers	\$ 8,170
MB15641	Black, Q-Tach for Walk Behind - 6" and 4" Pin Centers	\$ 8,170
MB25600	Stanley -Excavator Mount - 9" Pin Centers	\$ 6,830
MB25600SS	Stanley -Skid Steer - 9" Pin Centers	\$ 8,080
MB25603	Stanley -Excavator Mount - Flange Top	\$ 6,830
MB25641	Black, Q-Tach for Walk Behind - 9" Pin Centers	\$ 8,080
MB2570	LaBounty -Excavator Mount - 11" Pin Centers	\$ 6,830
MB2570SB	LaBounty -Cradle Skid Steer - 11" Pin Centers	\$ 8,080
MB2570SS	LaBounty -2 Position Skid Steer - 11" Pin Centers	\$ 8,080
MB2570XC	LaBounty -Excavator Mount - Exchange Top	\$ 7,580
MB2570XCS	LaBounty -Skid Steer with Exchange Top	\$ 9,500
MB05e00	Stanley -Excavator Mount - 9" Pin Center and Flange Top (Pin and Bushing Kit Included)	\$ 7,670
MB05e02	Stanley -Cradle Skid Steer - 9" Pin Centers and Flange Top	\$ 8,580
MB05e04	Stanley -Excavator Mount - OP027 Top	\$ 8,170
MB05e04	Stanley -Skid Steer with OP027 Top	\$ 10,100
MB05e05	Stanley -Excavator Mount - Exchange Top	\$ 8,170
MB05e05	Stanley -Skid Steer with Exchange Top	\$ 10,100
MB55600	Stanley -Excavator Mount - Flange Top	\$ 10,200
MB55600SS	Stanley -Skid Steer - Fixed 20 Degrees	\$ 11,100
MB55601	Stanley -Excavator Mount - 14" Pin Centers	\$ 10,800
MB55607	LaBounty -Excavator Mount - 14" Pin Centers	\$ 10,800
MB5570SB	LaBounty -Skid Steer - Fixed 20 Degrees	\$ 11,100
MB5570XC	LaBounty -Excavator Mount - Exchange Top	\$ 10,800
MB5570XCS	LaBounty -Skid Steer with Exchange Top	\$ 12,400
MB65603	Stanley -Excavator Mount - Flange Top	\$ 13,200
MB65607	Stanley -Excavator Mount - 14" Pin Centers	\$ 13,800
MB65609	Stanley -Excavator Mount - 1/4 Yard WainRoy	\$ 15,100
MB6560XC	LaBounty -Excavator Mount - Exchange Top	\$ 15,100
MBX15E03	FLANGE TOP	\$ 13,300
MBX15E00	14" PIN CENTER BRKT	\$ 14,000
MBX15E09	1/4 YD WAINROY BRKT	\$ 14,300
MBX15E09B	1/4 YD WAINROY BLACK NO LABELS	\$ 14,300
MBX138	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit = MB20EXS	\$ 27,500
MBX208	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit = MB40EXS	\$ 41,700
MBX258	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit = twenner	\$ 49,250
MBX308	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit = MB50EXS	\$ 55,800
MBX358	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit = MB60EXS	\$ 64,700
MBX408	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit = MB70EXS	\$ 78,300
MBX458	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit = MB80EXS	\$ 89,200
MBX608	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit MB100EXS	\$ 118,000
Stanley Compactors		
HS3004F	COMPACTOR, 2-1/4 in. Pin Holes, Flow Control - 13 gpm w/ Flow Control	\$ 4,920
HS3027	COMPACTOR, 4 holes in base plate - 13 gpm, w/ Flow Control	\$ 5,080
HS3100	COMPACTOR, Flat Top - 13gpm w/Flow Control, mounting bracket required	\$ 4,580
HS6019F	COMPACTOR, Slant Top - 13 gpm, w/ Flow Control	\$ 6,210
HS6026	COMPACTOR, Wain Roy Coupler - 13 gpm, w/ Flow Control	\$ 7,210
HS6027	COMPACTOR, 4 holes in base plate - 13 gpm, w/ Flow Control	\$ 6,380
HS6100	COMPACTOR, Flat Top - 13gpm w/Flow Control, mounting bracket required	\$ 5,880
HS8000	COMPACTOR, Standard - 24 gpm w/Flow Control	\$ 7,710
HS8026	COMPACTOR, 1/4 Yard Wainroy Mount - 24 gpm w/Flow Control	\$ 8,710
HS8100	COMPACTOR, Flat Top - 24gpm w/Flow Control, mounting bracket required	\$ 7,380
HS11100	COMPACTOR, Flat Top - 30 gpm w/Flow Control, mounting bracket required	\$ 9,420
HS22100	COMPACTOR, Flat Top - 42 gpm w/Flow Control, mounting bracket required	\$ 13,800



TB1140

SERIES 2

Excavator

519 Bonnie Valentine Way, Pendergrass, GA 30567
 Tel:706-693-3600 Fax:706-693-3725
 www.takeuchi-us.com

STANDARD EQUIPMENT	
Operating Weight: 34,700 lbs. (Steel)	Factory installed cab with auto air conditioner/heat/defroster, AM/FM/MP3 radio, wiper
Dozer Blade Width: 8' 6"	Air suspension seat
Maximum Dig Depth: 18' 0"	Two speed travel with automatic shift down
Bucket Digging Force: 22,188 lbs.	Travel alarm
Tail Swing Radius: 6' 9"	Arm & Boom holding valve with lift alarm
Horsepower / RPM: 103.3 / 2,000	Control pattern selector valve
EPA Interim Tier 4 Compliant	Pilot operated joystick controls with safety lock out
Travel Speed: 1.9 / 3.3 mph	Wrap around counterweight
Auxiliary Flow: (Primary) 59 gpm	Adjustable air suspension seat with retractable seat belt
Auxiliary Flow: (Secondary) 14.5 gpm	Primary and Secondary two-way auxiliary hydraulic circuits routed to the end of the arm
Boom swing: Left 77° / Right 53°	Electrohydraulic push button controls of auxiliary hydraulic circuit (Primary Only)
24" Wide Steel Tracks	Proportional thumb control of both auxiliary hydraulic circuits
Optional: 20" Rubber Track	Variable displacement axial piston main hydraulic pumps
Optional: 20" Road Liner style tracks	LCD gauge panel with multi-function operator information center
	Heavy duty dozer blade with Float
	Accumulator

BASE MACHINE WITH STANDARD EQUIPMENT		
Factory Code	Description	Suggested List Price
TB1140	TB1140 Equipped with CAB, Rubber or Steel Tracks, Dozer blade with float, Auto Air Conditioner/Heat, Defroster, Windshield wiper and washer, Control pattern selector valve, Travel alarm, Cab light, Auxiliary hydraulics (primary and secondary), Slide back front window, AM/FM/MP3 radio, Air Suspension seat, Engine monitoring system	
TB1140CL (w/ Road Liner Tracks)	TB1140 Cab (above Equipped except with Road Liner Tracks)	

BASE MACHINE PRICE DOES NOT INCLUDE BUCKET

ATTACHMENTS		
BMC1140	Mechanical Coupler: Pin Grabber type with Pins (700 lbs)	\$5,130
BTB114018	18" Pin-On Bucket (Capacity 0.41) (875 lbs)	\$2,745
BTB114024	24" Pin-On Bucket (Capacity 0.57) (1025 lbs)	\$2,825
BTB114030	30" Pin-On Bucket (Capacity 0.73) (1110 lbs)	\$3,385
BTB114036	36" Pin-On Bucket (Capacity 0.89) (1295 lbs)	\$3,660
BTB114042D	42" Pin-On Ditching Bucket (Capacity 0.50) (695 lbs)	\$2,708
BTB114048D	48" Pin-On Ditching Bucket (Capacity 0.60) (800 lbs)	\$2,915
BTB114054D	54" Pin-On Ditching Bucket (Capacity 0.70) (900 lbs)	\$3,130
BTB114060D	60" Pin-On Ditching Bucket (Capacity 0.80) (970 lbs)	\$3,335
BTH1140I	INSTALLED Hydraulic thumb (Compatible with 24" and larger PIN ON buckets Only) (835 lbs)	\$7,765
BTH1140LI	INSTALLED Hydraulic thumb (Compatible with 24" and larger PIN ON buckets and Mechanical Coupler)	\$7,765

STANDARD OPTIONS		
1914199148	3" Retractable seat belt in lieu of standard 2"	\$113
BTH1140K	Hydraulic thumb (Compatible with 24" and larger PIN ON buckets Only) (835 lbs)	\$7,305
BTH1140LK	Hydraulic thumb (Compatible with 24" and larger PIN ON buckets and Mechanical Coupler)	\$7,305
TB1140BKTPINS	Bucket Pin Kit (includes Hardware)	\$482

Prices and specifications
 subject to change without notice

P-10
 Prices are In US Dollar

Prices are F.O.B. Pendergrass,GA
 Effective 1 January 2013



Model	Description	List Price
Stanley Mounted Breakers		
MB1560	LaBounty -Excavator Mount - 11" Pin Centers	\$ 5,830
MB15600	Stanley -Excavator Mount - 6" and 4" Pin Centers	\$ 5,830
MB15614	Stanley -Excavator Mount - Flange Top	\$ 5,830
MB15613BN	LaBounty -Narrow Skid Steer - 11" Pin Centers	\$ 8,170
MB15641	Black, Q-Tach for Walk Behind - 6" and 4" Pin Centers	\$ 8,170
MB25600	Stanley -Excavator Mount - 9" Pin Centers	\$ 6,830
MB25600SS	Stanley -Skid Steer - 9" Pin Centers	\$ 8,080
MB25603	Stanley -Excavator Mount - Flange Top	\$ 6,830
MB25641	Black, Q-Tach for Walk Behind - 9" Pin Centers	\$ 8,080
MB2570	LaBounty -Excavator Mount - 11" Pin Centers	\$ 6,830
MB2570SB	LaBounty -Cradle Skid Steer - 11" Pin Centers	\$ 8,080
MB2570SS	LaBounty -2 Position Skid Steer - 11" Pin Centers	\$ 8,080
MB2570XC	LaBounty -Excavator Mount - Exchange Top	\$ 7,580
MB2570XCS	LaBounty -Skid Steer with Exchange Top	\$ 9,500
MB05600	Stanley -Excavator Mount - 9" Pin Center and Flange Top (Pin and Bushing Kit Included)	\$ 7,670
MB05602	Stanley -Cradle Skid Steer - 9" Pin Centers and Flange Top	\$ 8,580
MB05604	Stanley -Excavator Mount - CP027 Top	\$ 8,170
MB05604	Stanley -Skid Steer with CP027 Top	\$ 10,100
MB05605	Stanley -Excavator Mount - Exchange Top	\$ 8,170
MB05605	Stanley -Skid Steer with Exchange Top	\$ 10,100
MB55600	Stanley -Excavator Mount - Flange Top	\$ 10,200
MB55600SS	Stanley -Skid Steer - Fixed 20 Degrees	\$ 11,100
MB55601	Stanley -Excavator Mount - 14" Pin Centers	\$ 10,800
MB55607	LaBounty -Excavator Mount - 14" Pin Centers	\$ 10,800
MB5570SB	LaBounty -Skid Steer - Fixed 20 Degrees	\$ 11,100
MB5570XC	LaBounty -Excavator Mount - Exchange Top	\$ 10,800
MB5570XCS	LaBounty -Skid Steer with Exchange Top	\$ 12,400
MB65603	Stanley -Excavator Mount - Flange Top	\$ 13,200
MB65607	Stanley -Excavator Mount - 14" Pin Centers	\$ 13,800
MB65609	Stanley -Excavator Mount - 1/4 Yard WainRoy	\$ 15,100
MB6560XC	LaBounty -Excavator Mount - Exchange Top	\$ 16,100
MBX15E03	FLANGE TOP	\$ 13,300
MBX15E00	14" PIN CENTER BRKT	\$ 14,000
MBX15E09	1/4 YD WAINROY BRKT	\$ 14,300
MBX15E09B	1/4 YD WAINROY BLACK NO LABELS	\$ 14,300
MBX138	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit = MB30EXS	\$ 27,500
MBX208	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit = MB40EXS	\$ 41,700
MBX258	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit = twenner	\$ 49,250
MBX308	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit = MB50EXS	\$ 55,800
MBX358	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit = MB60EXS	\$ 64,700
MBX408	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit = MB70EXS	\$ 78,300
MBX458	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit = MB80EXS	\$ 89,200
MBX608	Housed Breaker w/ MTG BRKT, 2 Bits & Seal Kit MB100EXS	\$ 118,000
Stanley Compactors		
HS3004F	COMPACTOR, 2-1/4 In. Pin Holes, Flow Control - 13 gpm w/ Flow Control	\$ 4,920
HS3027	COMPACTOR, 4 holes in base plate - 13 gpm, w/ Flow Control	\$ 5,080
HS3100	COMPACTOR, Flat Top - 13 gpm w/ Flow Control, mounting bracket required	\$ 4,580
HS6019F	COMPACTOR, Slant Top - 13 gpm, w/ Flow Control	\$ 6,210
HS6026	COMPACTOR, Wain Roy Coupler - 13 gpm, w/ Flow Control	\$ 7,210
HS6027	COMPACTOR, 4 holes in base plate - 13 gpm, w/ Flow Control	\$ 6,380
HS6100	COMPACTOR, Flat Top - 13 gpm w/ Flow Control, mounting bracket required	\$ 5,880
HS8000	COMPACTOR, Standard - 24 gpm w/ Flow Control	\$ 7,710
HS8026	COMPACTOR, 1/4 Yard Wainroy Mount - 24 gpm w/ Flow Control	\$ 8,710
HS8100	COMPACTOR, Flat Top - 24 gpm w/ Flow Control, mounting bracket required	\$ 7,380
HS11100	COMPACTOR, Flat Top - 30 gpm w/ Flow Control, mounting bracket required	\$ 9,420
HS22100	COMPACTOR, Flat Top - 42 gpm w/ Flow Control, mounting bracket required	\$ 13,800

TAKEUCHI

SPECIFICATIONS EXCAVATORS

Performance	TB108	TB016	TB228	TB235	TB138FR	TB250	TB153FR	TB260	TB180FR	TB285	TB1140-S2
Tail Swing Design	Conventional	Conventional	Conventional	Conventional	Full Rotation	Conventional	Full Rotation	Conventional	Full Rotation	Conventional	Conventional
Operating Weight	2,033 lbs.	3,254 lbs.	6,100 lbs.	7,650 lbs.	8,355 lbs.	10,650 lbs.	12,450 lbs.	12,509 lbs.	18,370 lbs.	18,780 lbs.	34,116 lbs. (RT)
Digging Depth	5' 6"	7' 9.5"	9' 5"	11' 2"	10' 11"	12' 5"	12' 10"	12' 9.4"	14' 11"	15' 0"	18' 0"
Dump Height	7' 0"	9' 4"	10' 5"	12' 6"	12' 8"	13' 8"	12' 9"	13' 10"	14' 8"	17' 3"	20' 4"
Reach	9' 6"	12' 9"	15' 10"	17' 6"	17' 7"	20' 1.5"	19' 10"	20' 6.9"	23' 1"	23' 11"	28' 9"
Bucket Digging Force	3,157 lbs.	4,079 lbs.	6,471 lbs.	8,582 lbs.	8,955 lbs.	11,031 lbs.	11,093 lbs.	12,756 lbs.	16,335 lbs.	16,568 lbs.	22,188 lbs.
Arm Digging Force	1,303 lbs.	1,704 lbs.	2,900 lbs.	3,597 lbs.	4,125 lbs.	5,148 lbs.	5,670 lbs.	5,752 lbs.	8,020 lbs.	8,138 lbs.	12,634 lbs.
Traction Force	2,350 lbs.	3,801 lbs.	6,334 lbs.	8,871 lbs.	8,871 lbs.	12,615 lbs.	12,613 lbs.	13,997 lbs.	18,720 lbs.	19,783 lbs.	32,804 lbs.

Engine

Make / Model	Y 2TNV70	Y 3TNV70	Y 3TNV82	Y 3TNV88	Y 3TNV88	Y 4TNV88	Y 4TNV88	Y 4TNV86CT	Y 4TNV98	Y 4TNV98T	I AM-4J1XTI
Tier Rating	Tier 4	Tier 4	Tier 4	Tier 4i	Tier 4i	Tier 4i	Tier 4i	Tier 4	Tier 4i	Tier 4i	Tier 4i
Horsepower	9.6 hp	13.5 hp	23.5 hp	28.8 hp	28.8 hp	38.0 hp	38.7 hp	47.6 hp	60.8 hp	66.5 hp	103.3 hp
Rated Engine Speed	2,400 rpm	2,200 rpm	2,400 rpm	2,400 rpm	2,400 rpm	2,400 rpm	2,400 rpm	2,400 rpm	2,300 rpm	2,000 rpm	21000 rpm
Maximum Torque	24.6 ft-lb	38.0 ft-lb	63.0 ft-lb	79.0 ft-lb	79.0 ft-lb	105.0 ft-lb	105.0 ft-lb	149.1 ft-lb	179.0 ft-lb	223.0 ft-lb	272.0 ft-lb

Undercarriage

Track Width	7.1"	9"	11.8"	13.8"	13.8"	15.7"	15.7"	15.7"	17.7" (R)	17.7" (R) /	20" (R) / 24.0" (S)
Ground Pressure	3.6 psi	3.9 psi	4.1 psi	3.8 psi	4.3 psi	3.9 psi	4.6 psi	4.5 psi	5.5 psi	5.5 psi	6.8 psi
Travel Speed Low Range	1.2 mph	1.4 mph	1.7 mph	1.6 mph	1.9 mph	1.7 mph	1.7 mph	1.7 mph	1.7 mph	1.6 mph	1.9 mph
Travel Speed High Range	2.4 mph	2.6 mph	3.0 mph	3.1 mph	3.3 mph	3.2 mph	3.1 mph	3.2 mph	3.4 mph	3.1 mph	3.3 mph

Hydraulic System

Total Hydraulic Flow	5.7 gpm	12.8 gpm	24.2 gpm	29.4 gpm	28.3 gpm	43.9 gpm	42.8 gpm	45.3 gpm	52.5 gpm	62.5 gpm	75.3 gpm
Auxiliary Hydraulic Flow	5.7 gpm	8.7 gpm	13.3 gpm	16.3 gpm	15.6 gpm	25.6 gpm	25.6 gpm	(1) 27.0 / (2) 11.6	(1) 36.6 / (2) 15.0	(1) 26.4 / (2) 14.5	(1) 59.0 / (2) 14.5
Hydraulic System Pressure	2,288 psi	2,844 psi	3,045 psi	3,000 psi	3,000 psi	3,000 psi	3,000 psi	3,480 psi	4,000 psi	4,000 psi	4,977 psi
Hydraulic Reservoir Capacity	1.9 gal.	6.0 gal.	9.2 gal.	9.2 gal.	11.0 gal.	13.7 gal.	18.0 gal.	12.9 gal.	18.0 gal.	19.3 gal.	25 gal.

Dimensions

Width	29.1" - 35.4"	38.6" - 51.2"	4' 9"	5' 4"	5' 8.5"	6'	6' 7"	6' 6.7"	7' 7"	7' 7"	8' 2"
Height	6' 11"	7' 5.7"	8' 0"	8' 0"	8' 5"	8' 3"	8' 6"	8' 6.4"	9' 1"	8' 5"	9' 3"
Length (Transport)	9' 0"	12' 1.5"	14' 8"	16' 6"	15' 8"	18' 3"	17' 7"	18' 2.5"	20' 3"	21' 10"	25' 8"
Ground Clearance	6.3"	8.1"	11.8"	11.6"	11.6"	1' 1"	11.8"	1' 1"	13.7"	15.0"	20.0"
Dozer Blade Height	7.9"	11.8"	11.8"	15.5"	15.6"	17"	16.9"	17"	19.6"	20.0"	21.6"
Boom Swing Angle (Deg. LR)	90°L / 90°R	90°L / 50°R	80°L / 60°R	80°L / 60°R	30°L / 15°R	80°L / 60°R	30°L / 15°R	78°L / 55°R	30°L / 15°R	70°L / 60°R	77°L / 53°R
Min Front Swing Radius	3' 8"	3' 5.3"	4' 10"	5' 0"	4' 9"	5' 8"	4' 3"	6' 5.8"	4' 7"	6' 8"	7' 10"
Tail Swing Radius	2' 7.5"	3' 6.7"	4' 3"	4' 7"	3' 2"	4' 8"	3' 8"	4' 3.1"	4' 1"	5' 5"	6' 9"

Takeuchi reserves the right to make changes at any time without notice, to materials, specifications, models, price, configuration, and availability.
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	TB108	TB016
Operating Weight	2,033 lb (922 kg)	3,524 lb (1,598 kg)
Engine Horsepower (gross) .	9.6 hp (7.1 Kw)	13.8 hp (10.3 Kw)
Max. Digging Depth	5 ft 6 in (1,680 mm)	7 ft 9.5 in (2,375 mm)
Max. Reach at Ground Level	9 ft 6 in (2,880 mm)	12 ft 9 in (3,890 mm)
Max. Bucket Digging Force	3,157 lb (1,432 kg)	4,079 lb (1,850 kg)
Traction Force	2,350 lb (1,066 kg)	3,801 lb (1,724 kg)
Standard Long Arm	2 ft 7.9 in (810 mm)	3 ft 8.5 in (1,130 mm)
Total Hydraulic Flow	5.7 gal/min (21.5 L/min)	12.7 gal/min (48.4 L/min)
Auxiliary Hydraulic Flow	5.7 gal/min (21.5 L/min)	8.7 gal/min (32.9 L/min)
Max. Travel Speed. Low ..	1.2 mph (2 km/hr)	1.4 mph (2.3 km/hr)
High .	2.4 mph (3.9 km/hr)	2.6 mph (4.2 km/hr)

TB228

Operating Weight	6,100 lb (2,767 kg)
Engine Horsepower (gross)	24.3 hp (18.1 Kw)
Maximun Digging Depth	9 ft 5 in (2,875 mm)
Maximun Reach at Ground Level	15 ft 6 in (4,720 mm)
Maximun Bucket Digging Force	6,471 lb (2,935 kg)
Traction Force	6,334 lb (2,873 kg)
Standard Long Arm	4 ft 9 in (1,445 mm)
Total Hydraulic Flow	24.6 gal/min (93.4 L/min)
Auxiliary Hydraulic Flow	13.9 gal/min (52.6 L/min)
Max. Travel Speed. Low	1.7 mph (2.8 km/hr)
High	3.0 mph (4.9 km/hr)



Operating Weight	TB235
Canopy	7,650 lb (3,469 kg)
Cab	7,950 lb (3,605 kg)
Engine Horsepower (gross)	29.8 hp (22.2 Kw)
Maximun Digging Depth	11 ft 2 in (3,400 mm)
Maximun Reach at Ground Level	17 ft 6 in (5,345 mm)
Maximun Bucket Digging Force	8,582 lb (3,893 kg)
Traction Force	8,871 lb (4,024 kg)
Standard Long Arm	5 ft 3 in (1,600 mm)
Total Hydraulic Flow	29.4 gal/min (111 L/min)
Auxiliary Hydraulic Flow	16.3 gal/min (61.8 L/min)
Max. Travel Speed. Low	1.6 mph (2.6 km/hr)
High	3.1 mph (5.0 km/hr)



Operating Weight

TB250

Canopy	10,650 lb (4,829 kg)
Cab	10,950 lb (4,966 kg)
Engine Horsepower (gross)	39.7 hp (29.6 Kw)
Maximun Digging Depth	12 ft 5 in (3,785 mm)
Maximun Reach at Ground Level	19 ft 8 in (5,995 mm)
Maximun Bucket Digging Force	11,031 lb (5,003 kg)
Traction Force	12,615 lb (5,722 kg)
Standard Long Arm	5 ft 9 in (1,760 mm)
Total Hydraulic Flow	43.9 gal/min (166 L/min)
Auxiliary Hydralic Flow	25.6 gal/min (96.9 L/min)
Max. Travel Speed. Low	1.7 mph (2.8 km/hr)
High	3.2 mph (5.2 km/hr)

Operating Weight

TB285

Cab /Rubber	18,780 lb (8,518 kg)
Cab /Steel	19,604 lb (8,892 kg)
Engine Horsepower (gross)	69.2 hp (51.6 Kw)
Maximun Digging Depth	15 ft 0 in (4,570 mm)
Maximun Reach at Ground Level	23 ft 11 in (7,290 mm)
Maximun Bucket Digging Force	16,568 lb (7,515 kg)
Traction Force	19,783 lb (8,973 kg)
Standard Long Arm	7 ft 0 in (2,130 mm)
Total Hydraulic Flow	62.5 gal/min (236.6 L/min)
Primary Hydraulic Flow	26.4 gal/min (100.0 L/min)
Max. Travel Speed. Low	1.6 mph (2.6 km/hr)
High	3.1 mph (5.0 km/hr)



Operating Weight

TB1140

Cab /Rubber	33,542 lb (15,215 kg)
Cab /Steel	34,127 lb (15,480 kg)
Engine Horsepower (gross)	98 hp (73.1 Kw)
Maximun Digging Depth	18 ft 0 in (5,490 mm)
Maximun Reach at Ground Level	28 ft 1 in (8,570 mm)
Maximun Bucket Digging Force	22,188 lb (10,064 kg)
Traction Force	32,753 lb (14,856 kg)
Standard Long Arm	7 ft 0 in (2,130 mm)
Total Hydraulic Flow	75.3 gal/min (285.0 L/min)
Primary Hydraulic Flow	28.1 gal/min (106.0 L/min)
Max. Travel Speed. Low	1.9 mph (3.0 km/hr)
High	3.3 mph (5.3 km/hr)

Excavators



Operating Weight

TB138FR

Canopy	8,355 lb (3,790 kg)
Cab	8,535 lb (3,870 kg)
Engine Horsepower (gross)	29.8 hp (22.2 Kw)
Maximun Digging Depth	10 ft 11 in (3,325 mm)
Maximun Reach at Ground Level	17 ft 7 in (5,360 mm)
Maximun Bucket Digging Force	8,955 lb (4,062 kg)
Traction Force	8,871 lb (4,024 kg)
Standard Long Arm	5 ft 3 in (1,600 mm)
Total Hydraulic Flow	28.3 gal/min (107.0 L/min)
Auxiliary Hydraulic Flow	15.6 gal/min (59.1 L/min)
Max. Travel Speed. Low	1.6 mph (2.6 km/hr)
High	3.1 mph (5.0 km/hr)

Operating Weight

TB153FR

Canopy	12,450 lb (5,647 kg)
Cab	12,681 lb (5,752 kg)
Engine Horsepower (gross)	39.7 hp (29.6 Kw)
Maximun Digging Depth	12 ft 10 in (3,900 mm)
Maximun Reach at Ground Level	19 ft 10 in (6,065 mm)
Maximun Bucket Digging Force	11,093 lb (5,032 kg)
Traction Force	12,613 lb (5,721 kg)
Standard Long Arm	5 ft 9 in (1,760 mm)
Total Hydraulic Flow	42.8 gal/min (162 L/min)
Auxiliary Hydraulic Flow	25.6 gal/min (96.9 L/min)
Max. Travel Speed. Low	1.7 mph (2.7 km/hr)
High	3.1 mph (5.0 km/hr)



Operating Weight

TB180FR

Canopy	18,370 lb (8,332 kg)
Cab	18,821 lb (8,537 kg)
Engine Horsepower (gross)	64.6 hp (48.2 Kw)
Maximun Digging Depth	14 ft 11 in (4,545 mm)
Maximun Reach at Ground Level	23 ft 1 in (7,045 mm)
Maximun Bucket Digging Force	16,335 lb (7,409 kg)
Traction Force	18,720 lb (8,491 kg)
Standard Long Arm	6 ft 7 in (2,000 mm)
Total Hydraulic Flow	52.5 gal/min (198.0 L/min)
Auxiliary Hydraulic Flow	36.6 gal/min (138.4 L/min)
Max. Travel Speed. Low	1.7 mph (2.7 km/hr)
High	3.4 mph (5.6 km/hr)

TAKEUCHI

Excavators

TB108

TB016

TB228

TB235

TB250

TB175

TB1140



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The Power of Product and Support

Takeuchi was the first company to introduce compact excavators to the North American Market, setting the stage for one of the highest growth product segments ever introduced in the compact construction equipment industry.

Seven models of conventional excavators are offered, ranging in operating weights from 2,000 lbs to almost 32,000 lbs. These excavators provide exceptional balance, stability, digging performance and operator comfort. Three models of the next generation, 200 series machines are featured, replacing their predecessors and continuing the process of improvement.

Whether you are excavating, landscaping, or operating attachments, these machines provide the precision, comfort and power you need to get the job done.

All Takeuchi excavators share our commitment to the highest standards in quality and performance. The engineering focus of Takeuchi is to build machines that incorporate solutions into every component and feature. The design philosophy is built around four pillars: Performance, Durability, Serviceability, and Operator Comfort.

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





Compact Excavators

Mini Excavators

Takeuchi manufactures two models of small excavators, including the TB108 at approximately 2000 lbs, and the TBO16 at just over 3200 lbs. They are made with the same commitment to quality and performance as all Takeuchi excavators, and incorporate many of the same features as the larger machines.

When you have a tough job, but not a lot of room, either one of these models can satisfy your requirements. They are small enough to easily haul from jobsite to jobsite, and highly maneuverable when put into operation.

The TB108 and TBO16 are often utilized where small trenches are needed in residential or small commercial construction applications. Plumbing and utility jobs where gas lines are being laid, underground electric lines, water line and sewer line hook-ups, and cable installation are just some of the uses of the small excavator.

These models are also applicable to landscape jobs, both residential and commercial. Though small in size, they have the power and performance capabilities for digging footings and foundations, and utilization in demolition and clean-up jobs.



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Features

Benefits

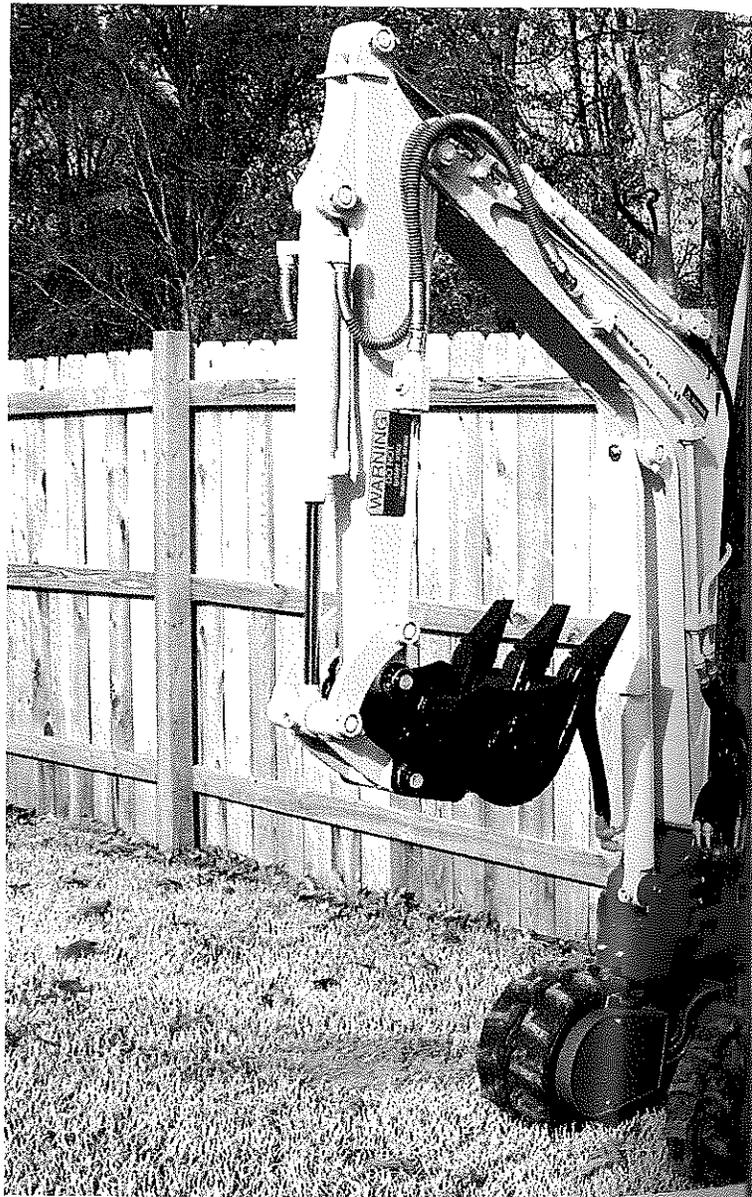
The TB108 and TBO16 offers excellent breakout force for lots of digging power in a small area. Outstanding dig depth and excellent reach means you can dig more and reposition less, increasing your productivity.

The standard long arm provides excellent working range and the bi-directional auxiliary lines plumbed to the arm allow for easy attachment installation.

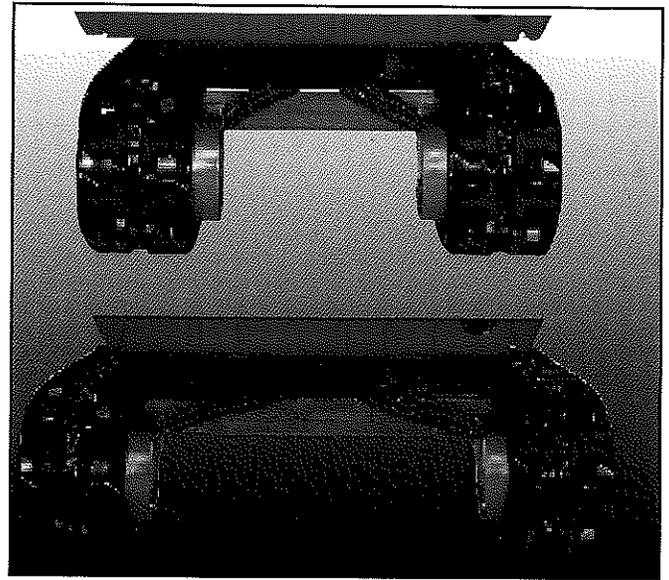
The high dump height allows you to load material with ease, and with the dual position bucket pin, more material will stay in the bucket. Extra large pins and bushings provide many hours of useful service. O-rings and pin seals on the bucket pins help keep the elements out of this critical area.

A cast iron counterweight wraps around the engine compartment and protects the machine when working in tight spaces. The conventional machine design provides increased stability while operating. A heavy-duty dozer blade with integrated gusset reinforcements give you the strength you expect from the class leader and makes light work of backfilling or stabilizing the unit.

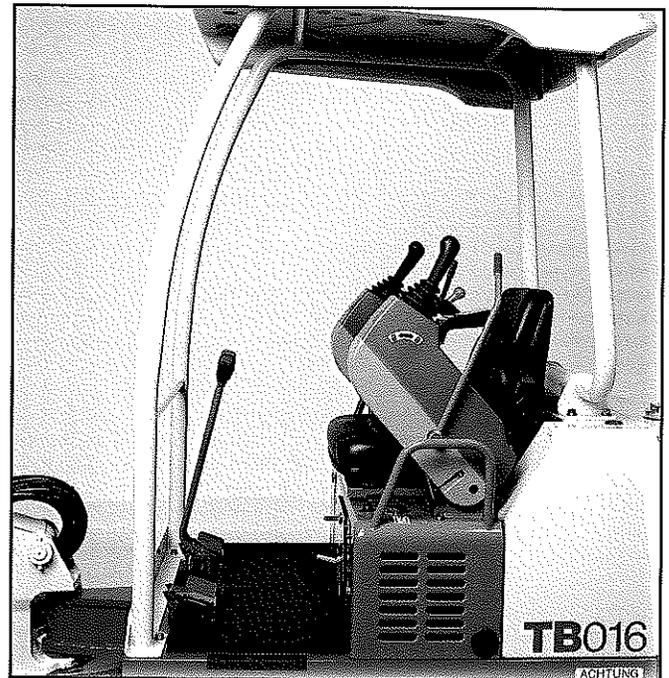
One of the most useful features on the TB108 and TBO16 is the hydraulically retractable track frame. This allows the excavator to pass through narrow openings and operate in extremely confined areas. The heavy-duty dozer blade on both models adjusts to match the track width.



The TB108 and TBO16 are TOPS/FOPS/ROPS/certified. This provides the operator protection from falling objects and machine tip-over.



Hydraulically retractable track frame allows operation in confined areas and access through narrow openings. The TB108 ranges from 29" to 36". The TB016 has a range from 39" to 51".



The operators station of the TB016 offers excellent room and easy operation with its precision pilot controls

Compact Excavator

200 Series - The Next Generation

Takeuchi introduces the 200 series of excavators, the next generation. Three new models represent the latest in Takeuchi's quest to continually provide the best machines possible to the construction industry.

This new generation features machines in the 6,000 lb to approximately 10,000 lb range, the most popular range of the compact excavators.

Many features are standard on Takeuchi machines that are optional on other brands.

The tie down points are integrated into the rear frame and blade for easy transportability.

The tank mounted return filter and pilot filter helps to ensure the system stays cleaner longer, requiring fewer services.

All excavators feature an industry leading 2-year/2000 hour FULL machine warranty as standard.

An optional P3 Power Protection Plan provides peace of mind with selectable coverage levels for the power train, power train and hydraulics, or a no deductible, full machine plan (see your dealer for details).



ntors

TB228



TB235

TB230

Machine

Performance

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

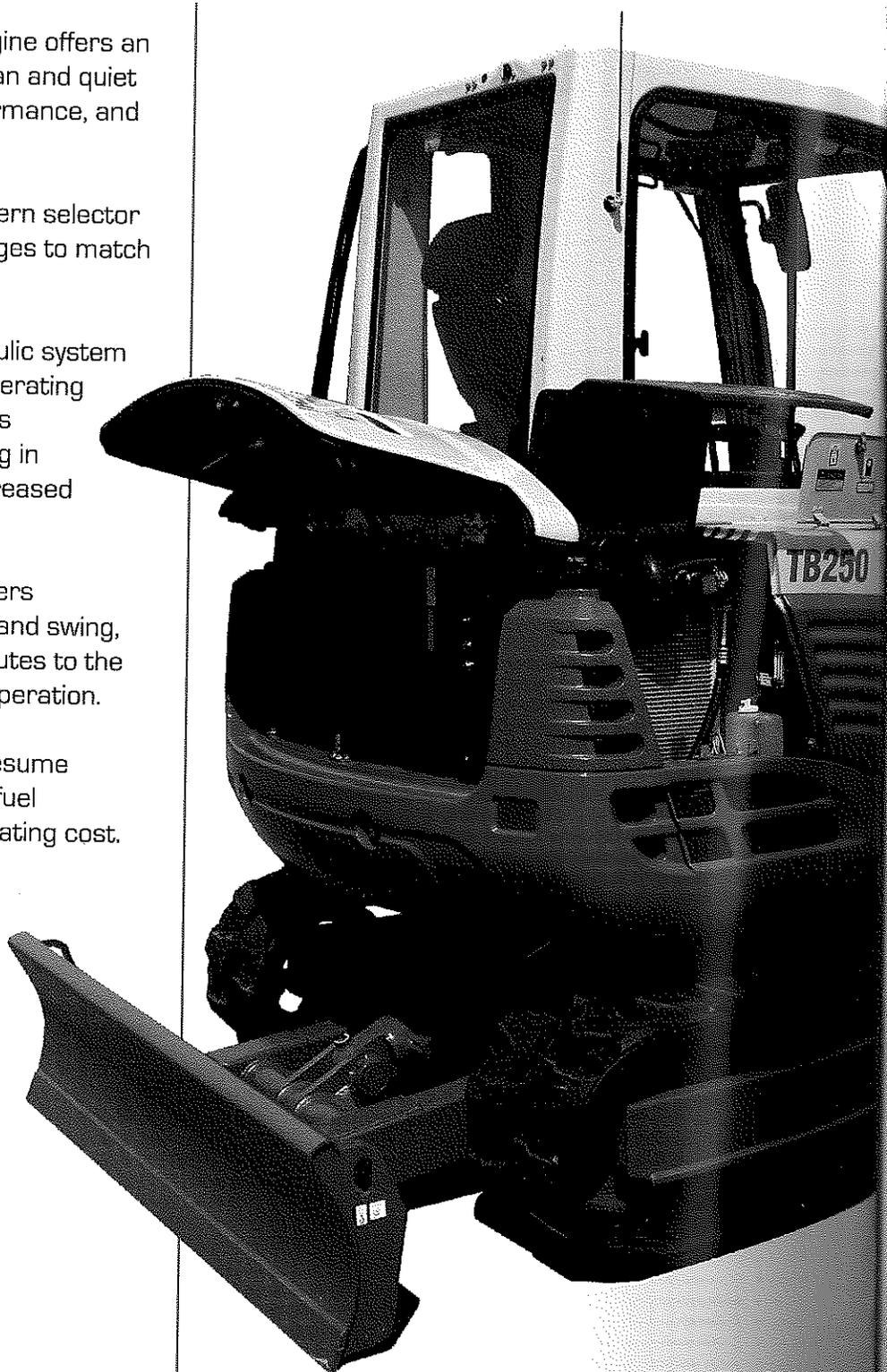
The standard control pattern selector valve allows for easy changes to match operator preference.

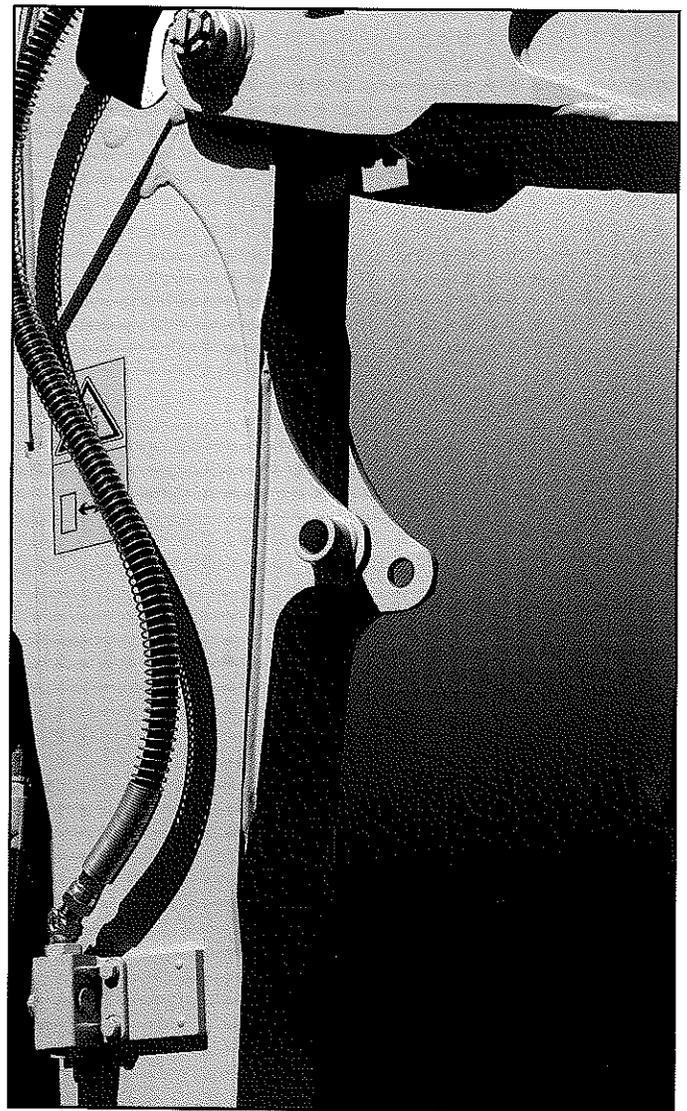
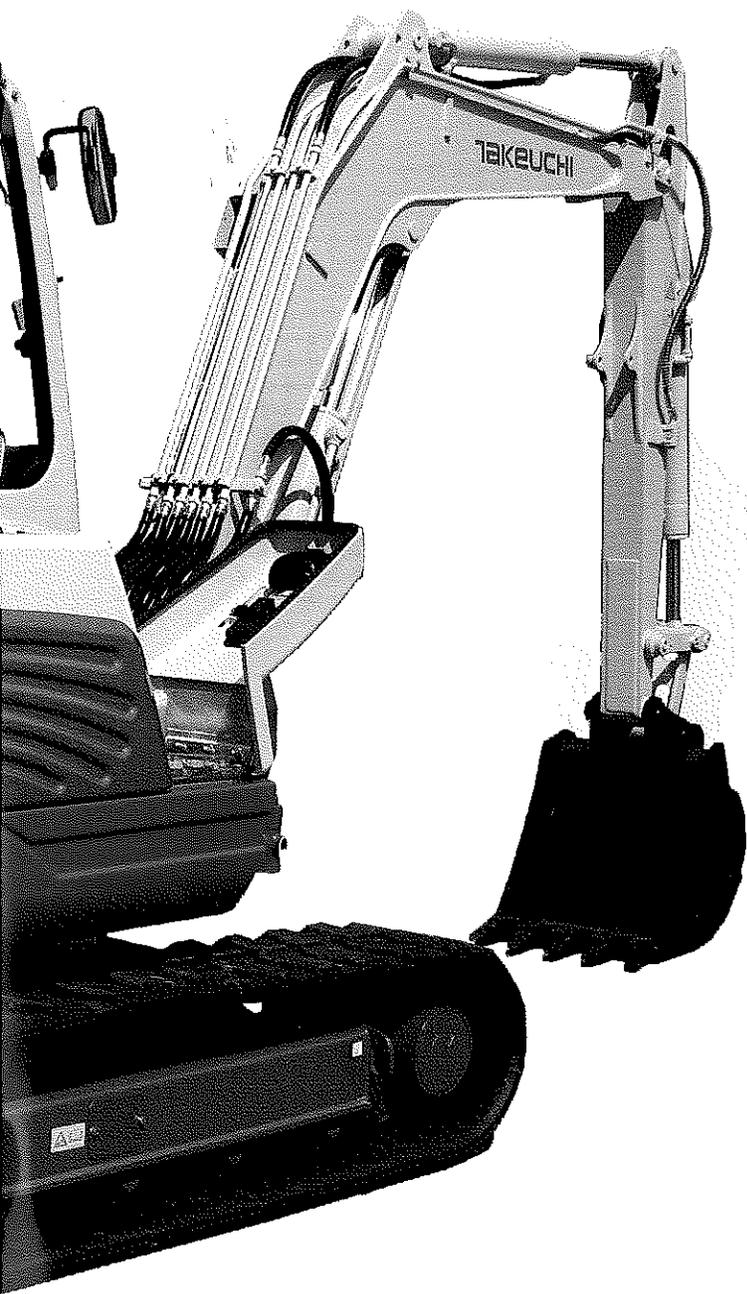
A unique four pump hydraulic system provides a very smooth operating machine and easily handles multiple functions, resulting in faster cycle times and increased production.

Cushioned hydraulic cylinders operating the boom, arm and swing, reduce jarring and contributes to the smoothness and ease of operation.

One touch deceleration/resume button provides additional fuel efficiency for reduced operating cost.

These machines provide exceptional stability and incredible lifting strength. Extraordinary digging force provides the power to excavate the toughest materials.





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



Work lights provide illumination for operation inside buildings or at night



Undercarriage

Durability

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

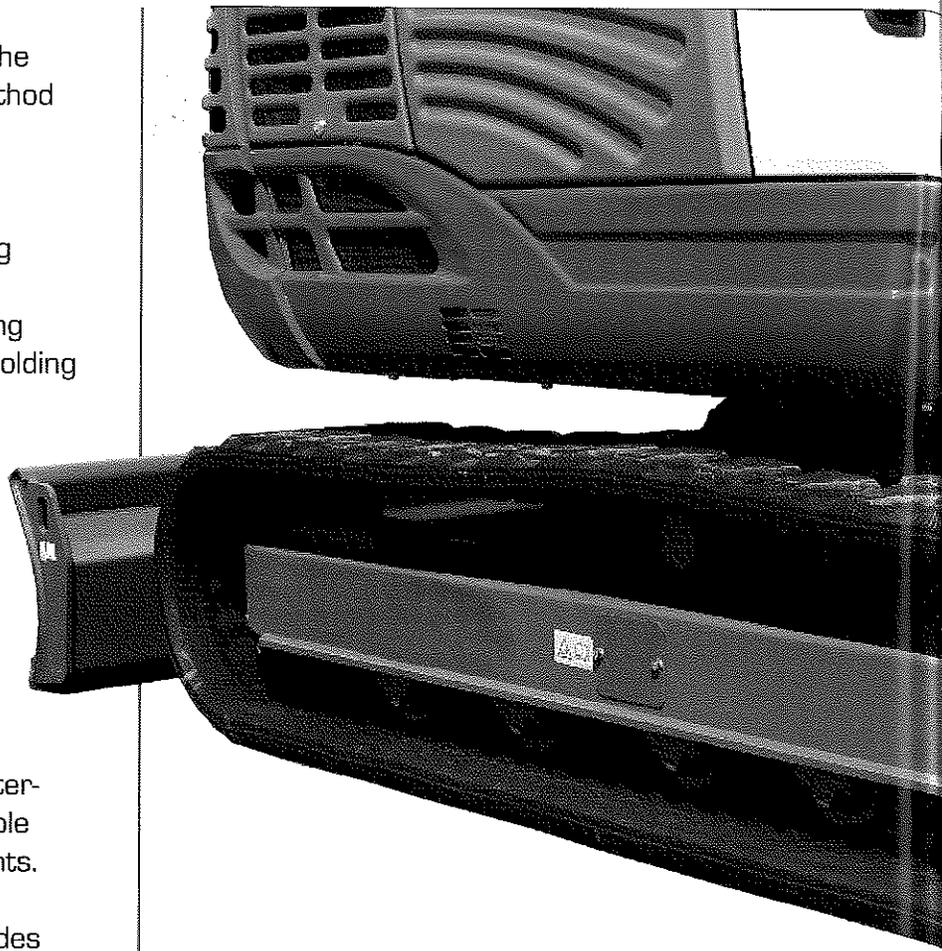
The drive system utilizes spring applied, hydraulically released, multiple wet friction disk parking brake for strong and reliable holding power.

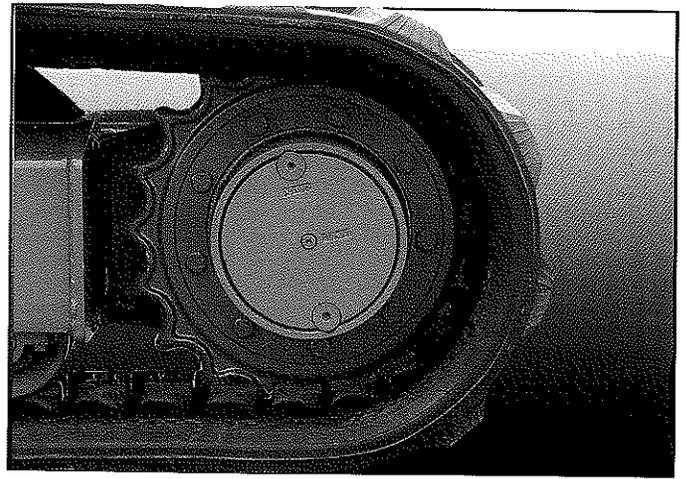
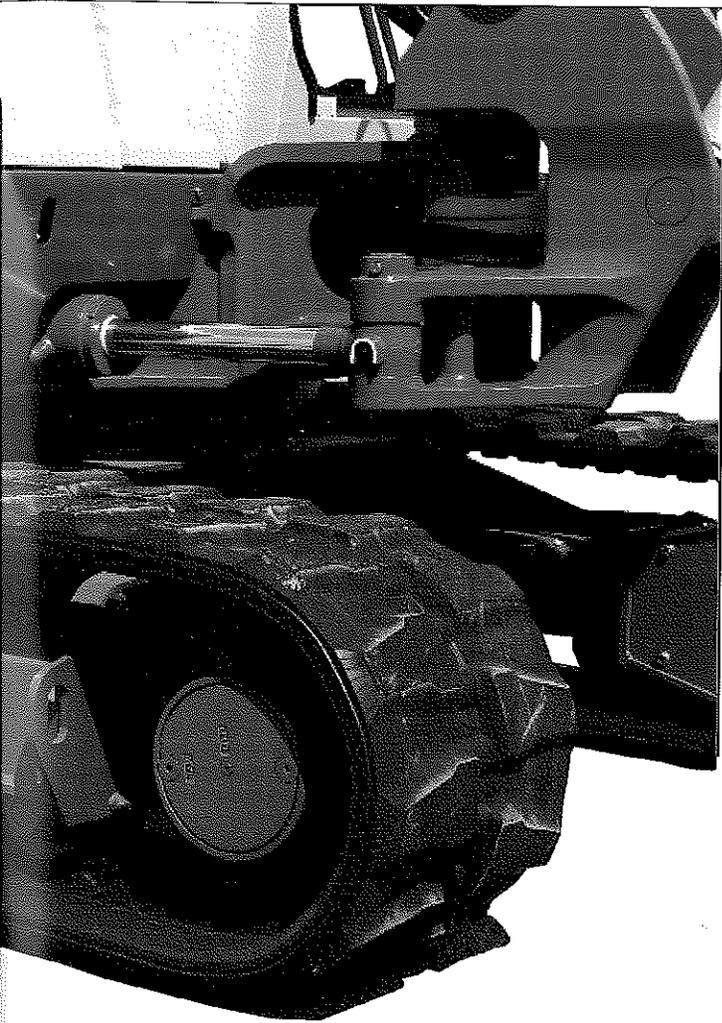
Triple flange track rollers and the short pitch rubber tracks allow for increased roller/rail contact and smoother traveling. These machines are also available with steel tracks.

Wrap around heavy-duty counterweight keeps the machine stable while protecting the components.

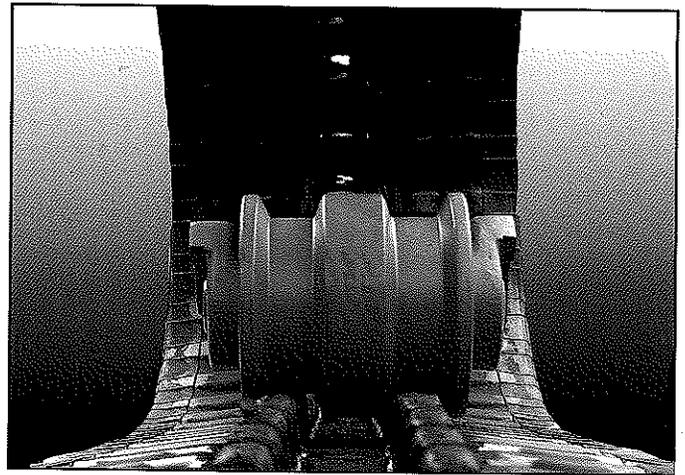
A heavy-duty dozer blade provides additional stability and excels at backfilling and scraping.

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





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



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



Wrap around heavy duty counter-weight keeps the machine stable and provides protection

Engine/Hydraulics

Serviceability

Serviceability is an important feature because it saves time and money.

The dual element air filter is easy to change with the new rear facing frame mounted air cleaner housing.

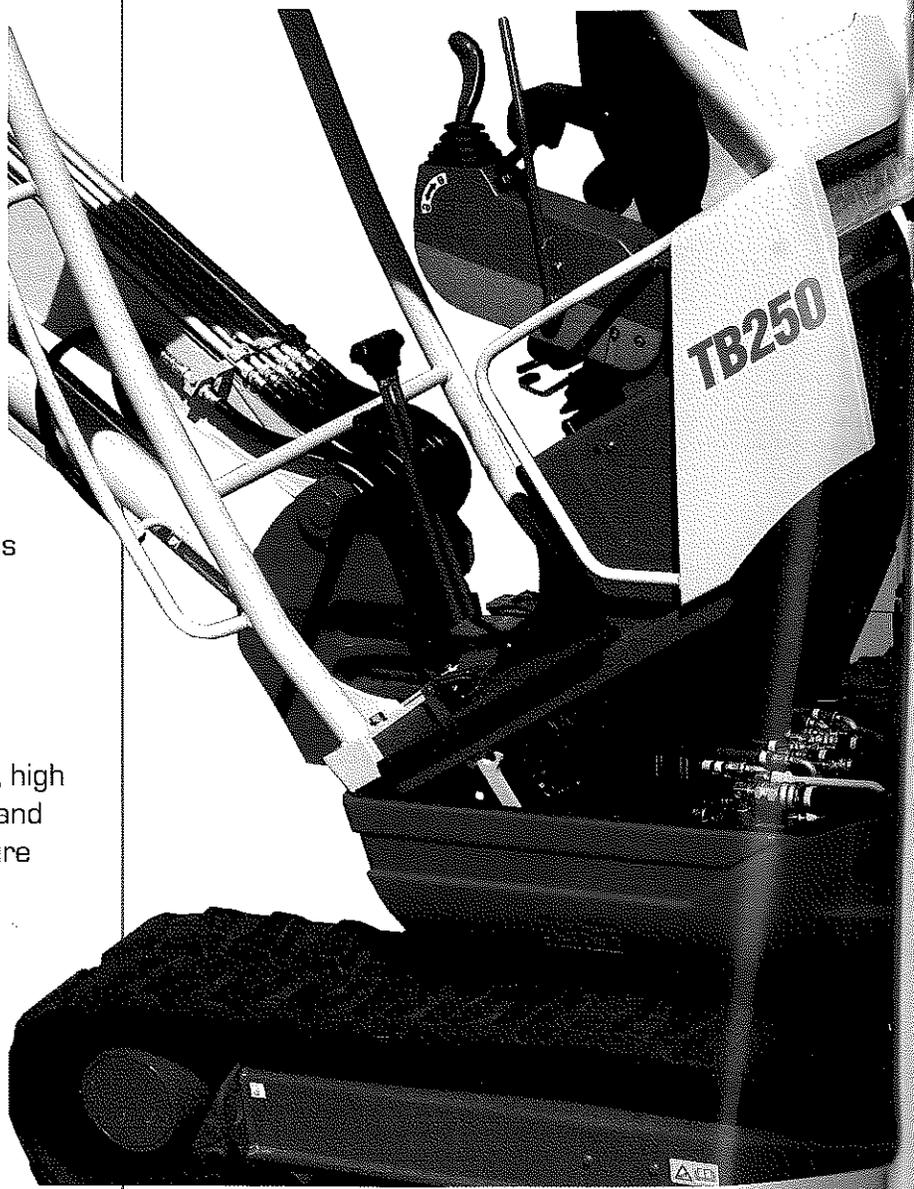
The highly efficient, side-by-side radiator/hydraulic oil cooler on the TB235 and TB250, offers a much greater cooling capacity for extended component life and is located behind a tilt-up cover.

Easy access grease points make routine service simple and fast.

These models feature heavy duty, high capacity alternators and audible and visible warnings for low oil pressure and high coolant temperature.

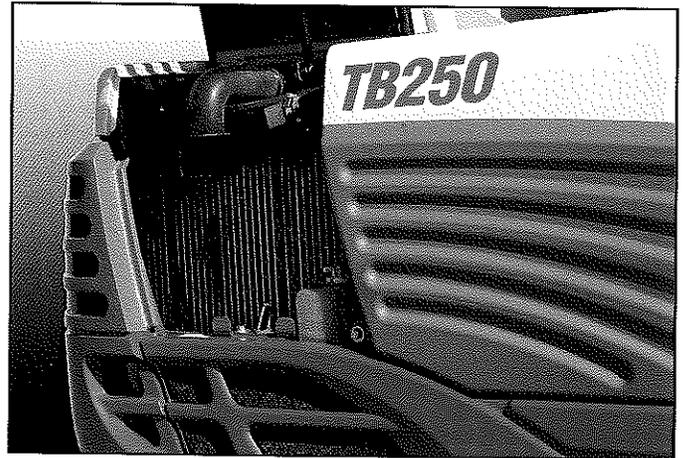
A high capacity, corrosion resistant fuel tank and large fuel filters help ensure the fuel system stays clean for efficient operation. The fuel system is equipped with an electric pump and self priming technology that allows the fuel system to self bleed in the event you run out of fuel, virtually eliminating tools or the need for a service call.

The operator's platform tilts up for improved access to all major hydraulic components.

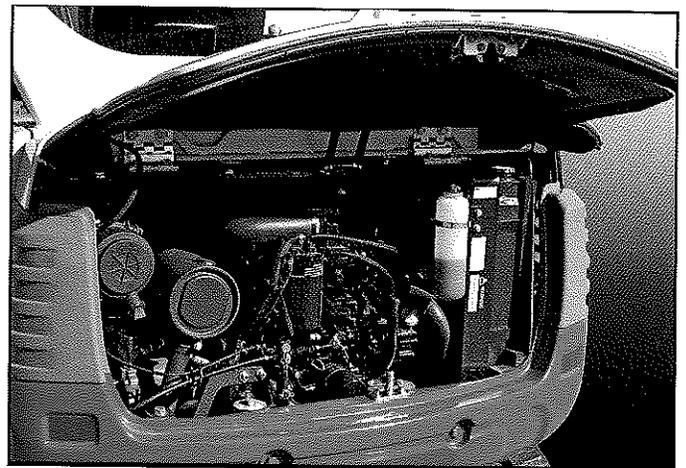


Sectional hoses for the blade and boom cylinders are mounted on convenient bulkheads for easy replacement if damaged.

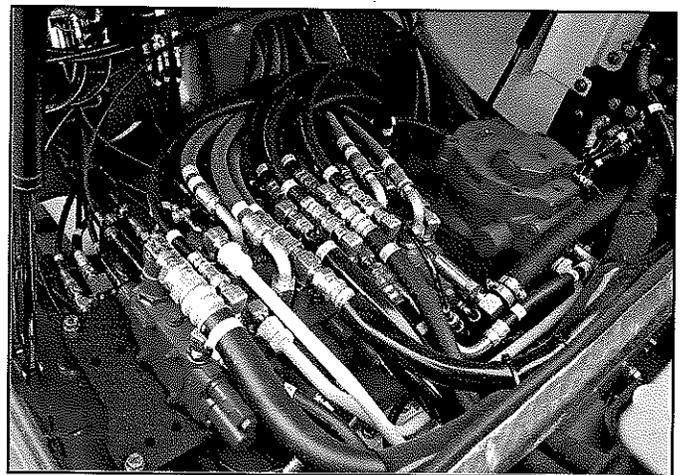
A lockable engine compartment and fuel tank provides protection from vandalism.



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



Large rear door for easy access



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

Operator *Comfort*

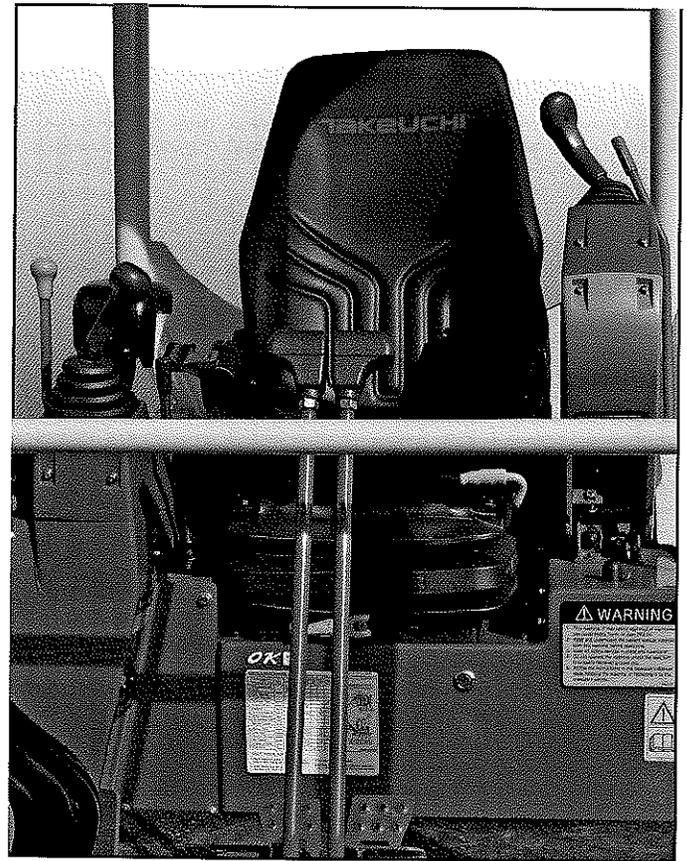
The all new larger operator's compartment offers improved comfort with its larger size and added features. Excellent visibility, larger interior volume, more foot room, large adjustable arm rests, and heavy duty foldable travel pedals are among these features. The easy to read gauge cluster incorporates the electronic engine monitoring system along with the fuel and temperature gauge. The isolation mounted platform minimizes vibration and noise for less operator fatigue. There is plenty of room for any operator while the retractable seat belt and standard high-back, six-way adjustable suspension seat means that you will feel secure and comfortable while operating in the harshest environments. The operator can position the seat for increased visibility of the work area allowing for improved safety and productivity.

The new operator's compartment is ROPS, TOPS, and FOPS certified for improved operators safety.

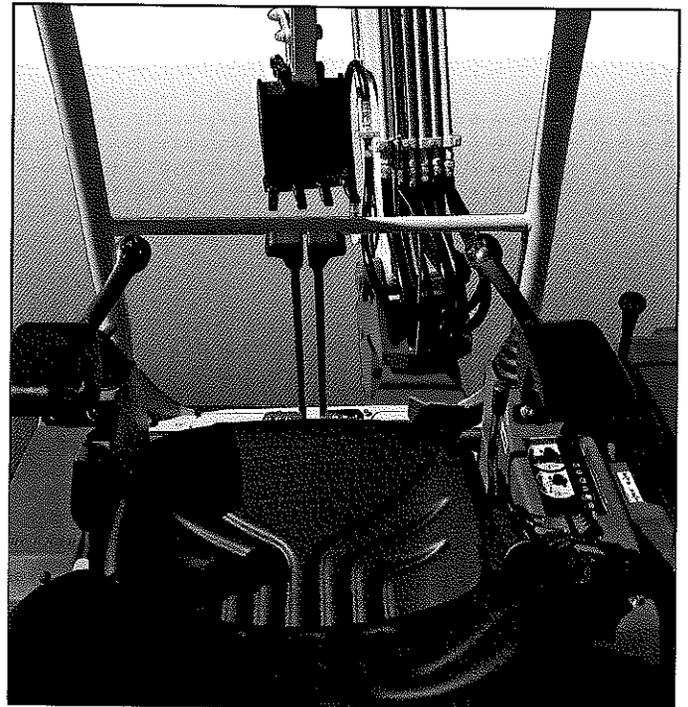
Large grab handles and steps allow for easy entry and exit from the operator's compartment.

For year round comfort you may consider choosing the enclosed cab. It features standard high capacity air-conditioning and heater, convenient storage compartments, and a front window with cylinder assisted lift. The deluxe AM/FM radio is equipped with an auxiliary jack to accept your Mp3 connections.





standard high-back, six-way adjustable suspension seat



Low effort pilot controls and simple switches are easy to use

Excavators

Mid-Size Excavators

The TB175 and the TB1140 are the largest conventional excavators in the Takeuchi line, weighing in at 17,500 lbs and close to 32,000 lbs respectively.

These models can take on the big jobs and are used to excavate pools and major landscaping projects. This size excavator is also utilized in the highway and bridge construction markets.

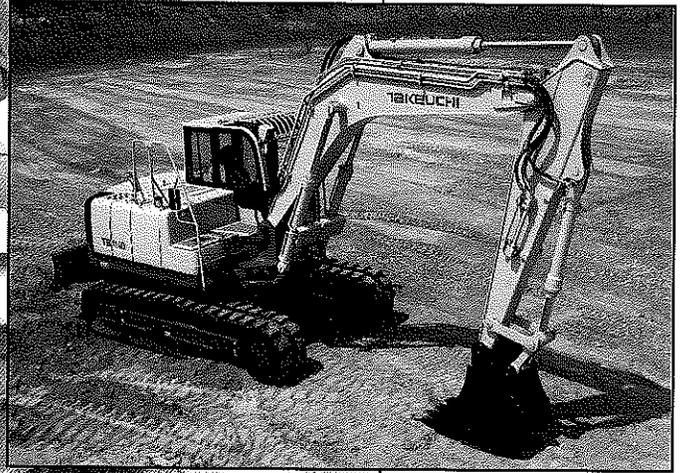
Major demolition, recycling and remediation are also applications where the TB175 and TB1140 provide unmatched performance.

Along with the standard blade and versatile swing boom, these machines are the work horse of any demanding jobsite.

With the speed and power to move large volumes of material in a short amount of time, productivity is at a premium.

For the ultimate combination of features and performance, take a look at Takeuchi.





Features

Standard

Available with rubber or steel tracks, the TB175 and TB1140 accommodate different applications and operating conditions.

An elevated K-frame design allows for more stable digging over the side of the tracks. It also provides better ground clearance. The sloped design decreases dirt build-up in the undercarriage. This increases the overall life of the track.

A standard heavy-duty dozer blade features integrated gusset reinforcements for superior strength and large tie-down points for securing the machine.

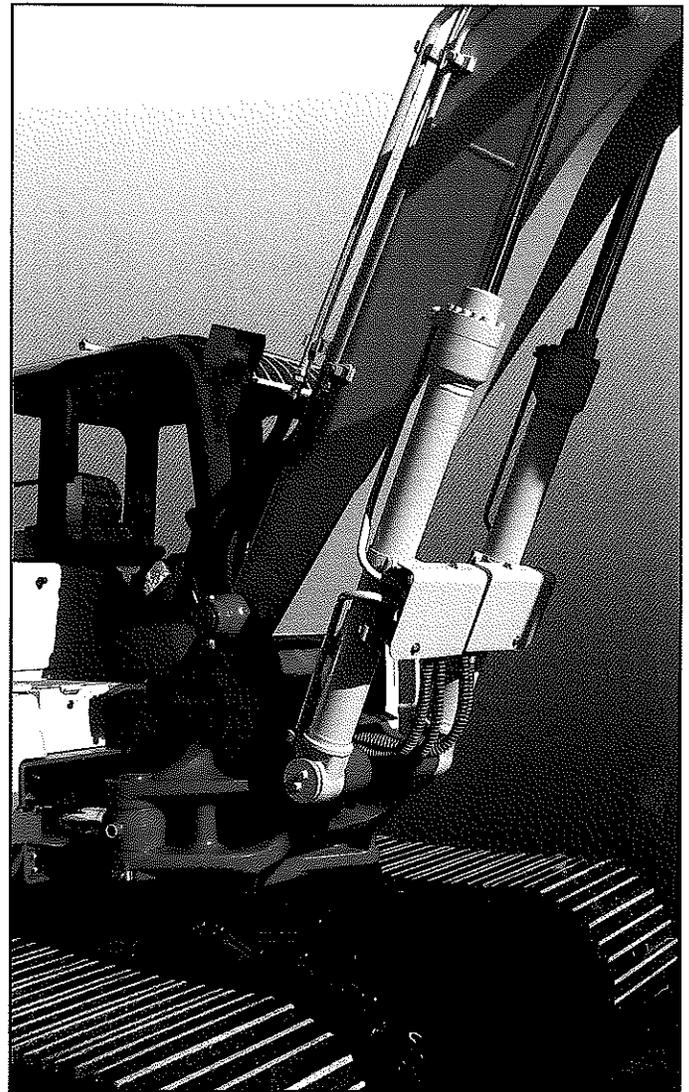
These units feature a four pump design which provides smooth, synchronized control of the boom, arm, and swivel with no reduction in working speed. This also allows the engine to work more efficiently without wasting fuel. The operator attains faster cycle times and increased production.

Two heavy-duty boom cylinders provide the strength needed for lifting and additional clearance for the bucket and attachments. The cushioned boom, arm, and swing cylinders allow for smoother operation while reducing stress on the frame and other components.

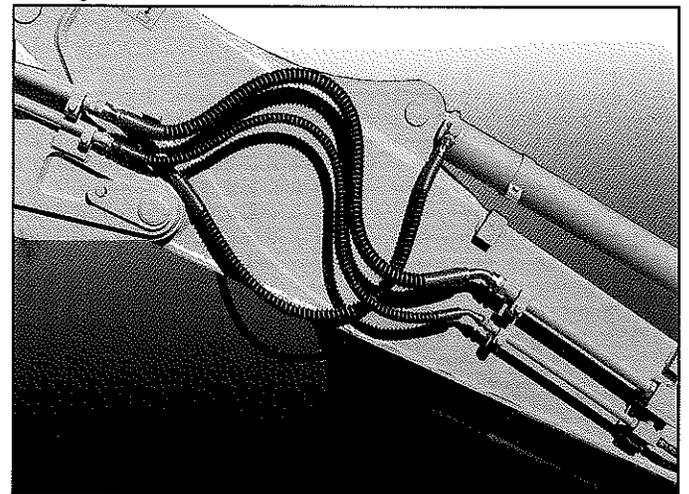
The TB175 and TB1140 feature a large operator's compartment and



offer excellent visibility and comfort with a high-back suspension seat, arm rest, and easy to operate controls with a standard pattern selector switch. Standard equipment on these two models, the cab provides external protection by the FOPS Level 2 structure and year round protection from the elements with heater, air-conditioning, defroster, windshield wiper, and AM/FM radio. More protection equates to less fatigue and increased productivity.



Two boom cylinders provide the strength needed for lifting, while the independent boom swing frame improves versatility in tight working conditions



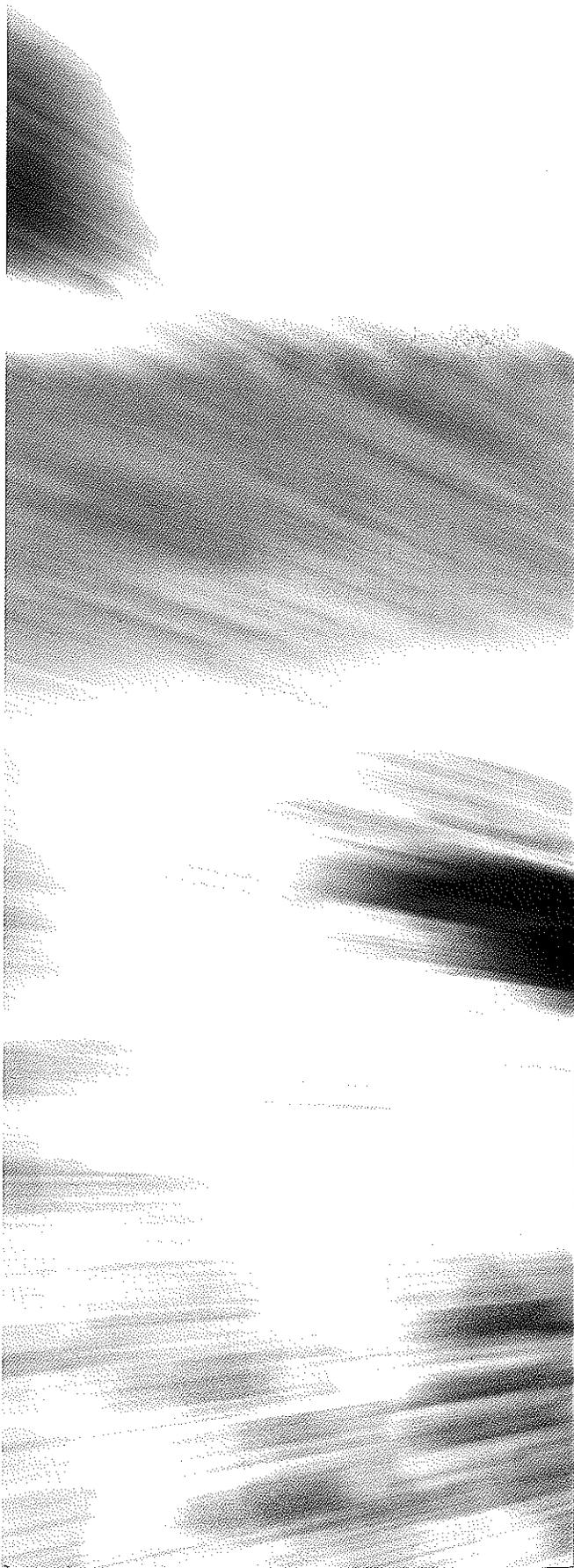
The TB1140 comes standard with primary and secondary auxiliary lines plumbed to the arm

Specifications

Excavators

	TB108	TB016	TB228
OPERATING PERFORMANCE			
Operating Weight (w 165 lb operator)	Canopy	Canopy	Canopy
Maximum Digging Depth	2,033 lb (922 kg) 5 ft 6 in (1,676 mm)	3,254 lb (1,476 kg) 7 ft 10 in (2,388 mm)	6,100 lb (2,767 kg) 9 ft 5 in (2,875 mm)
Maximum Dump Height	7 ft 0 in (2,134 mm)	9 ft 4 in (2,845 mm)	10 ft 5 in (3,190 mm)
Maximum Digging Radius	9 ft 6 in (2,896 mm)	12 ft 9 in (3,886 mm)	15 ft 6 in (4,720 mm)
Maximum Bucket Digging Force	3,157 lb (1,432 kg)	4,079 lb (1,850 kg)	6,471 lb (2,935 kg)
Maximum Arm Digging Force	1,303 lb (591 kg)	1,704 lb (733 kg)	2,900 lb (1,325 kg)
Arm Length	25.9 in (660 mm)	3 ft 8 in (1,130 mm)	4 ft 9 in (1,445 mm)
Slew Speed	9.3 rpm	9.0 rpm	
Traction Force (lbs)	2,350 lb (1,066 kg)	3,801 lb (1,724 kg)	6,334 lb (2,873 kg)
Sound Level (noise)	80 dB(A)	77 dB(A)	74 dB(A)
ENGINE			
Make/Model	Yanmar 2TNV70	Yanmar 3TNV70	Yanmar 3TNV82
Tier Rating	EPA Tier 4	EPA Tier 4	EPA Tier 4
Cylinders/Displacement	2/34.7 cu in (.57L)	3/52.1 cu in (.85L)	3/81 cu in (1.3L)
Horsepower Gross (SAE J1995)	10.1 hp (7.5 Kw)	13.8 hp (10.3 Kw)	24.3 hp (18.1 Kw)
Horsepower Net (SAE 1349)	9.6 hp (7.1 Kw)	13.5 hp (9 Kw)	23.5 hp (17.5 Kw)
Rated Engine Speed	2400 rpm	2200 rpm	2400 rpm
Maximum Torque	24.6 ft-lb @ 1800 rpm (33.2 Nm)	38 ft-lb @ 1600 rpm (51.5 Nm)	63 ft-lb @ 1440 rpm (85.3 Nm)
Engine Lubrication	1.6 qt (1.5L)	3 qt (2.8L)	3.8 qt (3.6L)
Cooling System	2.6 qt (2.5L)	3.3 qt (3.1L)	4.4 qt (4.2L)
Fuel Tank Capacity	2.5 gal (9.5L)	5.5 gal (20.8L)	14 gal (53L)
Fuel Consumption (65% of full load)	0.42 gal/hr (1.6L/hr)	0.5 gal/hr (1.9L/hr)	0.8 gal/hr (3.0L/hr)
Electrical System	12 volts / 9 amps	12 volts / 40 amps	12 volts / 40 amps
UNDERCARRIAGE			
Track Rollers (per side)	2	3	3
Track Width	Rubber 7.1 in (180 mm)	Rubber 9 in (228 mm)	Rubber/Steel 11.8 in (300 mm)
Track Ground Contact Length	35.4 in (899 mm)	46 in (1168 mm)	56.7 in (1440 mm)
Ground Pressure	Canopy 3.6 psi	Canopy 3.9 psi	Canopy 4.1 psi
Maximum Travel Speed			
Low Range	1.2 mph (2.0 km/hr)	1.5 mph (2.4 km/hr)	1.7 mph (2.8 km/hr)
High Range	2.4 mph (3.8 km/hr)	2.9 mph (4.7 km/hr)	3.0 mph (4.9 km/hr)
HYDRAULIC SYSTEM			
Total Hydraulic Flow (gpm)	2.8 x 2	4.33 x 2/2.67 x 1/1.8 x 1	7.9 x 2 + 6.0 x 1 + 2.8 x 1
Auxiliary Hydraulic Flow	5.7 gal/min (21.6L/min)	8.7 gal/min (32.9L/min)	13.9 gal/min (52.6L/min)
Auxiliary Hydraulic Pressure (adjustable)	2,288 psi (15,775 k/Pa)	2,844 psi (19,609 k/Pa)	3000 psi (20,684 k/Pa)
Hydraulic Reservoir Capacity	2 gal (7.2L)	6 gal (23.1L)	9.2 gal (35L)
Hydraulic System Capacity	4.1 gal (15.6L)	8.85 gal (33.5L)	14.8 gal (56L)
DIMENSIONS			
Maximum Dig Depth	5 ft 6 in (1676 mm)	7 ft 10 in (2388 mm)	9 ft 5 in (2875 mm)
Maximum Dump Height	7 ft 0 in (2134 mm)	9 ft 4 in (2845 mm)	10 ft 5 in (3190 mm)
Maximum Reach Ground Level	9 ft 6 in (2896 mm)	12 ft 9 in (3886 mm)	15 ft 6 in (4720 mm)
Maximum Vertical Dig Depth	4 ft 6 in (1372 mm)	6 ft 3 in (1905 mm)	7 ft 2 in (2190 mm)
Maximum Dig Depth with 2 ft Flat Bottom	4 ft 11 in (1500 mm)	7 ft 8 in (2337 mm)	9 ft 5 in (2868 mm)
Maximum Dig Depth with 8 ft Flat Bottom	2 ft 9 in (838 mm)	5 ft 11 in (1803 mm)	7 ft 11 in (2411 mm)
Width	Retracted 2 ft 5.1 in (739 mm)	Retracted 3 ft 3 in (991 mm)	
	Extended 2 ft 11.5 in (900 mm)	Extended 4 ft 3 in (1295 mm)	4 ft 9 in (1450 mm)
Height	6 ft 11 in (2108 mm)	7 ft 5 in (2261 mm)	8 ft 0" (2445 mm)
Length (Transport)	9 ft 0 in (2743 mm)	12 ft 5 in (3785 mm)	14 ft 8 in (4460 mm)
Ground Clearance	6.3 in (160 mm)	8.1 in (206 mm)	11.7 in (300 mm)
Dozer Blade Height	7.9 in (201 mm)	11.8 in (300 mm)	11.8 in (300 mm)
Independent Boom Swing Angle	90° Left / 90° Right	90° Left / 50° Right	80° Left / 60° Right
Minimum Front Swing Radius	2 ft 8.5 in (826 mm)	3 ft 3 in (991 mm)	4 ft 11 in (1495 mm)
Tail Swing Radius	2 ft 7 in (800 mm)	3 ft 7 in (1092 mm)	4 ft 3 in (1285 mm)

TB235		TB250		TB175		TB1140	
Canopy	7,650 lb (3,469 kg)	Canopy	10,650 lb (4,829 kg)				
Cab	7,950 lb (3,605 kg)	Cab	10,950 lb (4,966 kg)	Rubber	17,230 lb (7,815 kg)	Rubber	31,306 lb (14,200 kg)
				Steel	17,515 lb (7,945 kg)	Steel	31,878 lb (14,460 kg)
	11 ft 2 in (3,400 mm)		12 ft 5 in (3,785 mm)		15 ft 2 in (4,610 mm)		18 ft 0 in (5,490 mm)
	12 ft 6 in (3,815 mm)		13 ft 8 in (4,175 mm)		17 ft 2 in (5,230 mm)		20 ft 5 in (6,220 mm)
	17 ft 6 in (5,345 mm)		19 ft 8 in (5,995 mm)		24 ft 3 in (7,385 mm)		28 ft 9 in (8,755 mm)
	8,582 lb (3,993 kg)		11,031 lb (5,003 kg)		15,311 lb (6,945 kg)		22,188 lb (10,064 kg)
	3,597 lb (1,632 kg)		5,148 lb (2,335 kg)		7,507 lb (3,405 kg)		12,634 lb (5,730 kg)
	5 ft 3 in (1,600 mm)		5 ft 9 in (1,760 mm)		7 ft 0 in (2,130 mm)		8 ft 5 in (2,750 mm)
					10 rpm		13.8 rpm
	8871 lb (4,024 kg)		12,615 lb (5,722 kg)		18,519 lb (8,400 kg)		32,753 lb (14,856 kg)
	75 dB(A)		77 dB(A)		74 dB(A)		74 dB(A)
	Yanmar 3TNV88		Yanmar 4TNV82		Yanmar 4TNV98		Isuzu AJ-4JJ1 Turbo-Intercooled
	EPA Tier 4		EPA Tier 4		EPA Interim Tier 4		EPA Tier 3
	3/100 cu in (1.6L)		4/133 cu in (2.1L)		4/202 cu in (3.3L)		4/183 cu in (3.0L)
	29.8 hp (22.2 Kw)		39.7 hp (29.6 Kw)		64.6 hp (48.2 Kw)		98 hp (73.1 Kw)
	28.8 hp (21.5 Kw)		38 hp (28.4 Kw)		60.8 hp (45.3 Kw)		92.8 hp (69.2 Kw)
	2400 rpm		2400 rpm		2300 rpm		2000 rpm
	79 ft-lb @ 1440 rpm (107 Nm)		105 ft-lb @ 1440 rpm (142.8 Nm)		179 ft-lb @ 1500 rpm (242.3 Nm)		275 ft-lb @ 1600 rpm (373.3 Nm)
	5 qt (4.7L)		7.8 qt (7.4L)		10.8 qt (10.2L)		18.0 qt (17.0L)
	9.2 qt (8.7L)		13.1 qt (12.4L)		12.7 qt (12.0L)		19.5 qt (18.5L)
	14 gal (53L)		19.5 gal (74L)		31.7 gal (120L)		61.5 gal (232.8L)
	0.9 gal/hr (3.4L/hr)		1.2 gal/hr (4.5L/hr)		2.3 gal/hr (8.7L/hr)		3.14 gal/hr (11.9L/hr)
	12 volts / 40 amps		12 volts / 40 amps		12 volts / 80 amps		24 volts / 50 amps
	4		5		5		7
	Rubber/Steel		Rubber/Steel		Rubber		Rubber
	13.8 in (350 mm)		15.7 in (400 mm)		17.7 in (450 mm)		20 in (500 mm)
	65.1 in (1665 mm)		78.1 in (1995 mm)		21.7 in (550 mm)		24 in (600 mm)
	Canopy 3.8 psi		Canopy 3.9 psi		7 ft 3 in (2,210 mm)		9 ft 6 in (2,900 mm)
	Cab 4.0 psi		Cab 4.0 psi		Rubber 4.8 psi		Rubber 6.6 psi
					Steel 4.9 psi		Steel 5.8 psi
	1.6 mph (2.6 km/hr)		1.7 mph (2.8 km/hr)		1.8 mph (2.9 km/hr)		Rubber 1.9 mph (3.0 km/hr)
	3.1 mph (5.0 km/hr)		3.2 mph (5.2 km/hr)		3.4 mph (5.5 km/hr)		Steel 1.8 mph (2.8 km/hr)
							Rubber 3.3 mph (5.3 km/hr)
							Steel 3.1 mph (5.0 km/hr)
	10.3 x 2 + 6.0 x 1 + 2.8 x 1		15.4 x 2 + 10.3 x 1 + 2.8 x 1		18.3 x 2 + 14 x 1 + 2.8 x 1		28.1 x 2 + 13.7 x 1 + 5.4 x 1
	16.3 gal/min (61.8L/min)		15.4 gal/min (58.3L/min)		18.3 gal/min (69.3L/min)		28.1 gal/min (106L/min) / 13.7 gal/min (51.9L/min)
	3000 psi (20,684 k/Pa)		3000 psi (20,684 k/Pa)		4000 psi (27,579 k/Pa)		4,977 psi (34,315 k/Pa)
	9.2 gal (35L)		13.7 gal (52L)		18.0 gal (68.1L)		25.0 gal (95.0L)
	17.7 gal (67L)		23.2 gal (88L)		37.5 gal (135L)		56.8 gal (215.0L)
	11 ft 2 in (3400 mm)		12 ft 5 in (3785 mm)		15 ft 2 in (4610 mm)		18 ft 0 in (5490 mm)
	12 ft 6 in (3815 mm)		13 ft 8 in (4175 mm)		17 ft 2 in (5230 mm)		20 ft 5 in (6220 mm)
	17 ft 6 in (5345 mm)		19 ft 8 in (5995 mm)		24 ft 3 in (7385 mm)		28 ft 9 in (8755 mm)
	8 ft 6 in (2600 mm)		9 ft 10 in (2990 mm)		12 ft 8 in (3855 mm)		15 ft 2 in (4623 mm)
	11 ft 1 in (3377 mm)		12 ft 5 in (3782 mm)		15 ft 5 in (4597 mm)		18 ft 0 in (5486 mm)
	9 ft 10 in (2996 mm)		11 ft 2 in (3401 mm)		14 ft 1 in (4293 mm)		17 ft 2 in (5232 mm)
	5 ft 4 in (1630 mm)		6 ft 0 in (1840 mm)		7 ft 5 in (2260 mm)		8 ft 2 in (2490 mm)
	8 ft 0" (2445 mm)		8 ft 3 in (2515 mm)		8 ft 7 in (2615 mm)		8 ft 6 in (2600 mm)
	16 ft 6 in (5020 mm)		18 ft 3 in (5550 mm)		21 ft 8 in (6590 mm)		9 ft 3 in (2815 mm)
	11.7 in (300 mm)		13 in (335 mm)		14.2 in (360 mm)		25 ft 8 in (7815 mm)
	15.5 in (395 mm)		17 in (430 mm)		19.7 in (500 mm)		18.3 in (465 mm)
	80° Left / 60° Right		80° Left / 60° Right		80° Left / 50° Right		21.6 in (549 mm)
	5 ft 0 in (1535 mm)		5 ft 8 in (1740 mm)		6 ft 2 in (1810 mm)		77° Left / 53° Right
	4 ft 7 in (1395 mm)		4 ft 8 in (1435 mm)		5 ft 8 in (1720 mm)		7 ft 11 in (2413 mm)
							6 ft 7 in (2000 mm)



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TAKEUCHI

Zero Swing Excavators

TB138FR

TB153FR

TB180FR



Bobcat.
of St. Louis

TAKEUCHI



Rental • Sales • Service • Parts

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Compact Excavator

Zero Swing

The Takeuchi zero swing FR series excavators are the result of years of extensive research, field testing, evaluation and product refinement.

Three models of zero swing excavators are offered, ranging in operating weights from 8,300 lbs to 18,300 lbs. The unique boom design along with the low center of gravity offers the stability and craning capacities you would expect from a conventional excavator while providing the added functionality of working in exceptionally confined areas.

Operators of all experience levels have the opportunity to work with confidence next to walls, traffic, and other areas with limited access.

All Takeuchi excavators share our commitment to the highest standards in quality and performance. The engineering focus of Takeuchi is to build machines that incorporate solutions into every component and feature. The design philosophy is built around four pillars: Performance, Durability, Serviceability, and Operator Comfort.

All excavators feature an industry leading 2-year/2000 hour FULL machine warranty as standard.

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



Machine

Performance

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

The standard control pattern selector valve allows for easy changes to match operator preference.

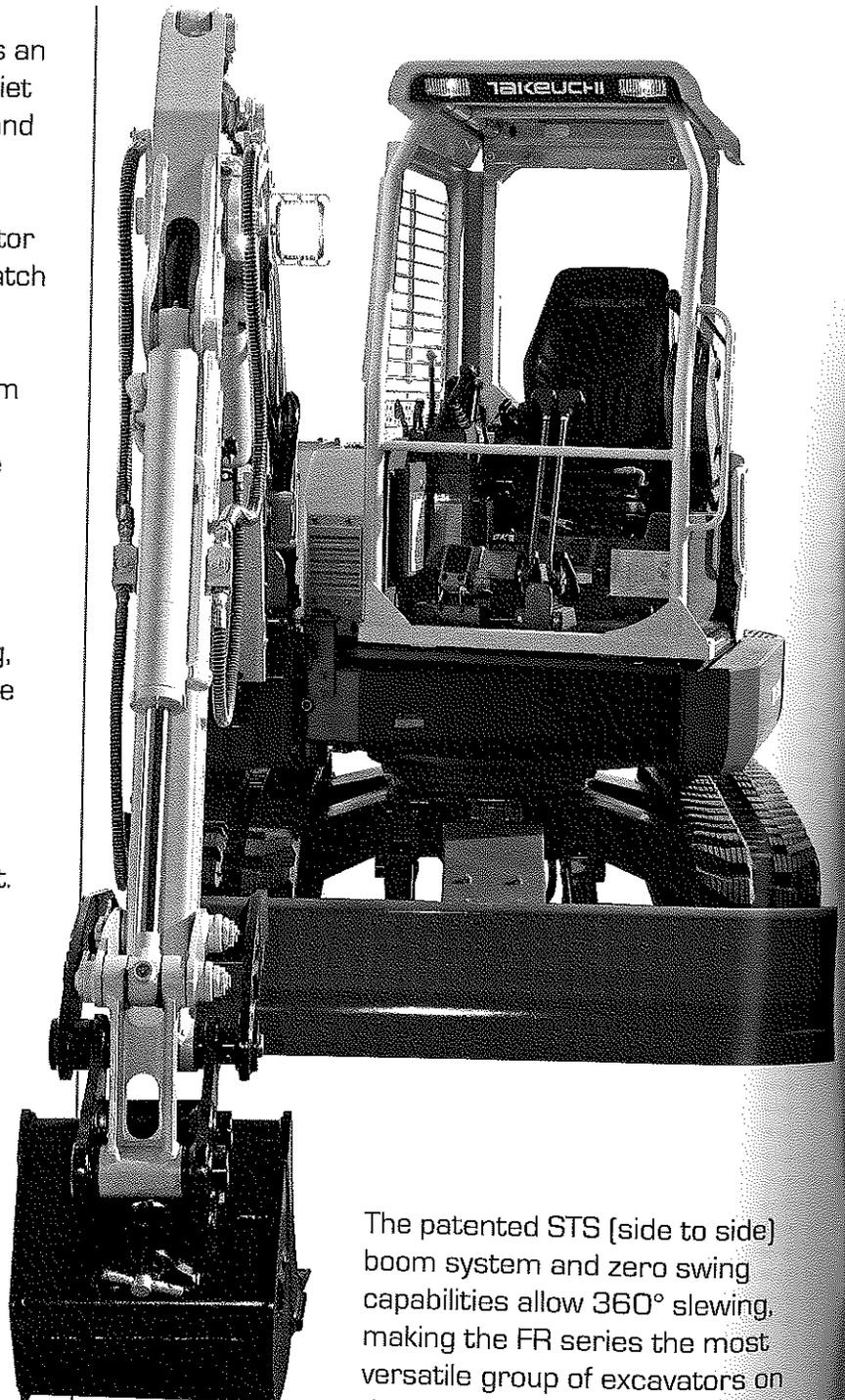
A unique four pump hydraulic system provides a very smooth operating machine and easily handles multiple functions, resulting in faster cycle times and increased production.

Cushioned hydraulic cylinders operating the boom, arm and swing, reduce jarring and contributes to the smoothness and ease of operation.

One touch deceleration/resume button provides additional fuel efficiency for reduced operating cost.

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

These machines provide exceptional stability and incredible lifting strength. Extraordinary digging force provides 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 series the most versatile group of excavators on the market.

Undercarriage

Durability

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

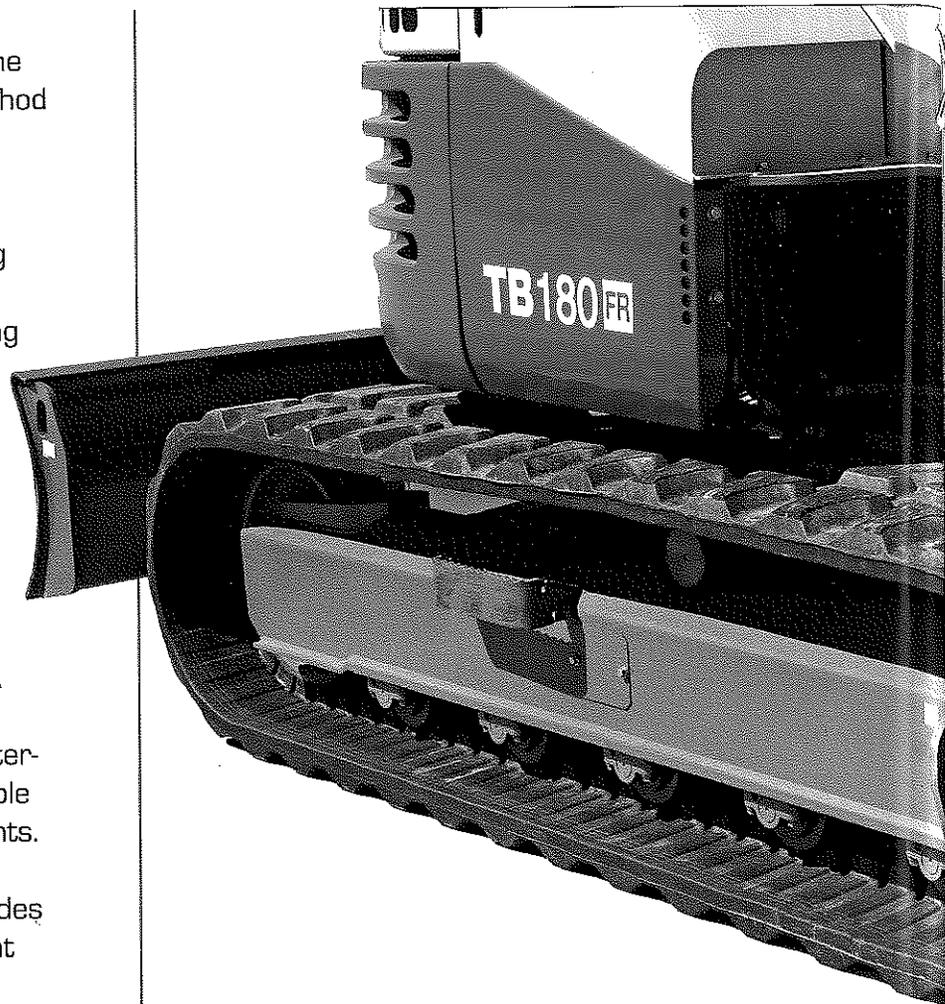
The drive system utilizes spring applied, hydraulically released, multiple wet friction disk parking brake for strong and reliable holding power.

Triple flange track rollers and the short pitch rubber tracks allow for increased roller/rail contact and smoother traveling. These machines are also available with steel tracks.

Wrap-around heavy-duty counterweight keeps the machine stable while protecting the components.

A heavy-duty dozer blade provides additional stability and excels at backfilling and scraping.

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



Engine/Hydraulics

Serviceability

Serviceability is an important feature because it saves time and money.

The highly efficient, side-by-side radiator/hydraulic oil cooler offers a much greater cooling capacity for extended component life and is located behind a tilt-up cover.

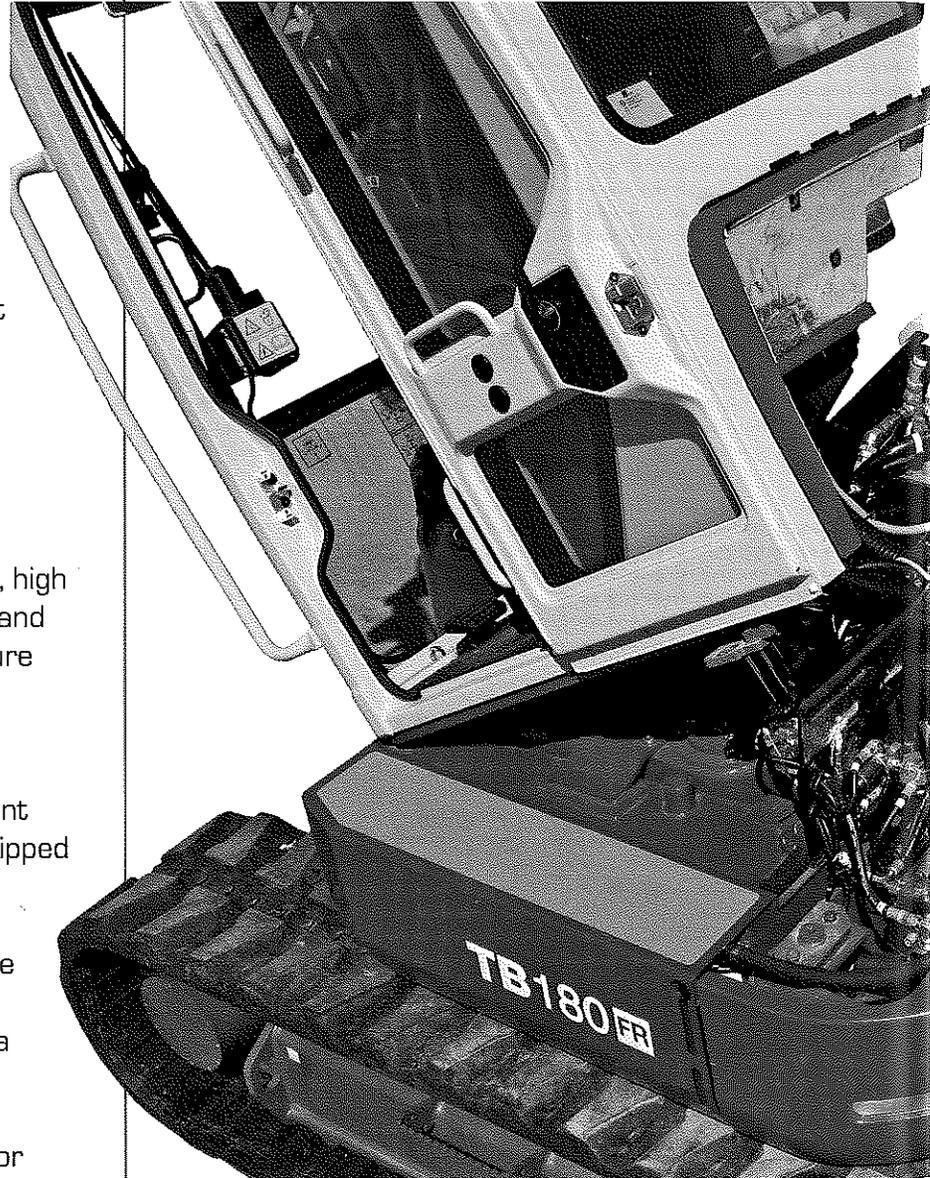
Easy access grease points make routine service simple and fast.

These models feature heavy duty, high capacity alternators and audible and visible warnings for low oil pressure and high coolant temperature.

Large fuel filters help ensure the fuel system stays clean for efficient operation. The fuel system is equipped with an electric pump and self priming technology that allows the fuel system to self bleed in the event you run out of fuel, virtually eliminating tools or the need for a service call.

The operator's platform tilts up for improved access to all major hydraulic components.

A lockable engine compartment and fuel tank provides protection from vandalism.



Operator *Comfort*

The operator's compartment offers improved comfort with its larger size and added features. Excellent visibility, and heavy duty foldable travel pedals are among these features. The easy to read gauge cluster incorporates the electronic engine monitoring system along with the fuel and temperature gauge. The isolation mounted platform minimizes vibration and noise for less operator fatigue. There is plenty of room for any operator while the retractable seat belt and standard high-back, six-way adjustable suspension seat means that you will feel secure and comfortable while operating in the harshest environments. The operator can position the seat for increased visibility of the work area allowing for improved safety and productivity.

The 138FR offers ROPS, TOPS, FOPS protection; the TB153FR offers FOPS/TOPS protection; and the TB180FR offers FOPS Level 2 protection, all for improved operators safety.

Large grab handles and large door allow for easy entry and exit from the operator's compartment.

For year round comfort you may consider choosing the enclosed cab, standard on the 180FR. It features standard high capacity air-conditioning and heater, convenient storage compartments, and a front window with cylinder assisted lift. The deluxe AM/FM radio is equipped with an auxiliary jack to accept your Mp3 connections.



Specifications

Zero Swing Excavators

TB138FR

TB153FR

TB180FR

OPERATING PERFORMANCE

	Canopy	8,316 lb (3772kg)	Canopy	12,450 lb (5647 kg)	Cab/Rubber	18,370 lb (8332 kg)
Operating Weight (w 165 lb operator)	Cab	8,492lb (3852 kg)	Cab	12,681 lb (5752 kg)	Cab/Steel	18,821 (8537 kg)
Maximum Digging Depth		10 ft 11 in (3325 mm)		12 ft 10 in (3900 mm)		14 ft 11 in (4545 mm)
Maximum Dump Height		12 ft 8 in (3860 mm)		12 ft 9 in (3885 mm)		14 ft 8 in (4480 mm)
Maximum Digging Radius		18 ft 0 in (5485 mm)		20 ft 4 in (6195 mm)		23 ft 7 in (7195 mm)
Maximum Bucket Digging Force		8,955 lb (4062 kg)		11,093 lb (5032 kg)		16,335 lb (7409 kg)
Maximum Arm Digging Force		4,125 lb (1871 kg)		5,670 lb (2572 kg)		8,020 lb (3637 kg)
Arm Length		5 ft 3 in (1600 mm)		5 ft 9 in (1760 mm)		6 ft 7 in (2000 mm)
Slew Speed		9.8 rpm		10 rpm		9.9 rpm
Traction Force (lbs)		8,871 lb (4024 kg)		12,613 lb (5721 kg)		18,720 lb (8491 kg)
Sound Level (noise)		78 dB(A)		76 dB(A)		79 dB(A)

ENGINE

	Yanmar 3TNV88	Yanmar 4TNV88	Yanmar 4TNV98
Make/Model	EPA Interim Tier 4	EPA Interim Tier 4	EPA Interim Tier 4
Tier Rating	3/100 cu in (1.6L)	4/134 cu in (2.2L)	4/202 cu in (3.3L)
Cylinders/Displacement	29.8 hp (22.2 Kw)	39.7 hp (29.6 Kw)	64.6 hp (48.2 Kw)
Horsepower Gross (SAE J1995)	28.8 hp (21.5 Kw)	38.7 hp (28.9 Kw)	60.8 hp (45.3 Kw)
Horsepower Net (SAE 1349)	2400 rpm	2400 rpm	2300 rpm
Rated Engine Speed	79 ft-lb @ 1440 rpm (107.7 Nm)	105 ft-lb @ 1440 rpm (143.4 Nm)	179 ft-lb @ 1500 rpm (242.3 Nm)
Maximum Torque	5.0 qt (4.7L)	8 qt (7.5L)	10.8 qt (10.2L)
Engine Lubrication	6.3 qt (5.9L)	9.3 qt (8.8L)	10.5 qt (9.9L)
Cooling System	10.6 gal (40L)	17.2 gal (65L)	24.3 gal (92L)
Fuel Tank Capacity	1.4 gal/hr (5.2L/hr)	1.8 gal/hr (6.8L/hr)	2.3 gal/hr (8.7L/hr)
Fuel Consumption (65% of full load)	12 volts / 40 amps	12 volts / 40 amps	12 volts / 55 amps
Electrical System			

UNDERCARRIAGE

	4	5	5
Track Rollers (per side)	Rubber	Rubber	Rubber/Steel
Track Width	13.8 in (350 mm)	15.7 in (400 mm)	17.7 in (450 mm)
Track Ground Contact Length	5 ft 5 in (1655 mm)	6 ft 6 in (1985 mm)	7 ft 3 in (2210 mm)
Ground Pressure	Canopy 4.35 psi	Canopy 4.63 psi	Rubber 5.5 psi
	Cab 4.4 psi	Cab 4.7 psi	Steel 5.6 psi
Maximum Travel Speed			
Low Range	1.6 mph (2.6 km/hr)	1.7 mph (2.7 km/hr)	1.7 mph (2.7 km/hr)
High Range	3.1 mph (5.0 km/hr)	3.1 mph (5.0 km/hr)	3.4 mph (5.6 km/hr)

HYDRAULIC SYSTEM

	9.9 x 2/5.8 x 1/2.7 x 1	14.8 x 2/10.3 x 1/2.9 x 1	17.4 x 2 / 14.7 x 1 / 3.0x 1
Total Hydraulic Flow (gpm)	15.6 gal/min (59.1L/min)	14.8 gal/min (56.0L/min)	17.4 gal/min (65.9L/min)
Auxiliary Hydraulic Flow	3,000 psi (20,684 k/Pa)	3,000 psi (20,684 k/Pa)	4000 psi (27,579 k/Pa)
Auxiliary Hydraulic Pressure (adjustable)	11 gal (41.3L)	18 gal (68.1L)	18 gal (68.1L)
Hydraulic Reservoir Capacity	18.0 gal (68.1L)	29.1 gal (110L)	31.7 gal (120L)
Hydraulic System Capacity			

DIMENSIONS

	10 ft 11 in (3327 mm)	12 ft 10 in (3900 mm)	14 ft 11 in (4545 mm)
Maximum Dig Depth	12 ft 8 in (3861 mm)	12 ft 9 in (3885 mm)	14 ft 8 in (4480 mm)
Maximum Dump Height	17 ft 7 in (5360 mm)	19 ft 10 in (6065 mm)	23 ft 1 in (7045 mm)
Maximum Reach Ground Level	6 ft 9 in (2050 mm)	9 ft 11 in (3030 mm)	11 ft 5 in (3490 mm)
Maximum Vertical Dig Depth	11 ft 1 in (3378 mm)	12 ft 8 in (3861 mm)	14 ft 9 in (4496 mm)
Maximum Dig Depth with 2 ft Flat Bottom	9 ft 10 in (2997 mm)	11 ft 6 in (3505 mm)	13 ft 9 in (4191 mm)
Maximum Dig Depth with 8 ft Flat Bottom	5 ft 8.5 in (1740 mm)	6 ft 7 in (2000 mm)	7 ft 7 in (2300 mm)
Width	8 ft 5 in (2565 mm)	8 ft 6 in (2585 mm)	9 ft 1 in (2770 mm)
Height	15 ft 8 in (4770 mm)	17 ft 7 in (5350 mm)	20 ft 3 in (6175 mm)
Length (Transport)	11.6 in (295 mm)	11.8 in (300 mm)	13.7 in (350 mm)
Ground Clearance	15.6 in (396 mm)	16.9 in (430 mm)	19.7 in (500 mm)
Dozer Blade Height	30° Left / 15° Right	30° Left / 15° Right	30° Left / 15° Right
Independent Boom Swing Angle	4 ft 9.5 in (1460 mm)	4 ft 3 in (1285 mm)	4 ft 7 in (1395 mm)
Minimum Front Swing Radius	3 ft 2 in (955 mm)	3 ft 8 in (1110 mm)	4 ft 1 in (1255 mm)
Tail Swing Radius			