

Specifications

OPERATING PERFORMANCE

Operating Weight (w 165 lb operator)	Cab
	Rubber 18,780 lb (8,518 kg)
	Steel 19,604 lb (8,892 kg)
Maximum Digging Depth	15 ft 0 in (4,570 mm)
Maximum Dump Height	17 ft 3 in (5,270 mm)
Maximum Digging Radius	24 ft 5 in (7,435 mm)
Maximum Bucket Digging Force	16,568 lb (7,515 kg)
Maximum Arm Digging Force	8,138 lb (3,691 kg)
Arm Length	7 ft 0 in (2,130 mm)
Slew Speed	10.3 rpm
Traction Force (lbs)	19,783 lb (8,973 kg)
Sound Level (noise)	73 dB(A)

ENGINE

Make/Model	Yanmar 4TNV98T
Tier Rating	EPA Interim Tier 4
Cylinders/Displacement	4/202 cu in (3.3L)
Horsepower Gross (SAE J1995)	69.2 hp (51.6 Kw)
Horsepower Net (SAE 1349)	66.5 hp (49.6 Kw)
Rated Engine Speed	2,000 rpm
Maximum Torque	223 ft-lb @ 1,475 rpm (302 Nm)
Engine Lubrication	10.8 qt (10.2L)
Cooling System	14.8 qt (14.0L)
Fuel Tank Capacity	33.8 gal (128L)
Fuel Consumption (65% of full load)	2.6 gal/hr (9.9L/hr)
Electrical System	12 volts / 80 amps

UNDERCARRIAGE

Traction Drive Type	Planetary reduction and auto shift down	
Parking Brake	Spring applied, hydraulically released	
Track Roller Type	Permanently sealed, triple flanged rollers	
Track Rollers (per side)	5	
Track Width	Rubber	17.7 in (450 mm)
	Steel	21.7 in (550 mm)
Track Ground Contact Length	7 ft 3 in (2,210 mm)	
Ground Pressure	Rubber	5.5 psi
	Steel	4.8 psi
Maximum Travel Speed		
Low Range	1.6 mph (2.6 km/hr)	
High Range	3.1 mph (5.0 km/hr)	

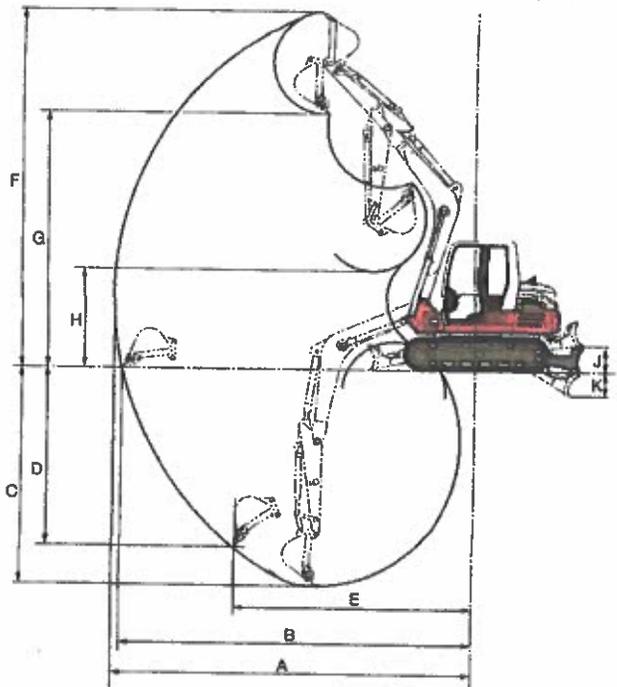
HYDRAULIC SYSTEM

Pump Type	Load Sensing Piston Pump
Total Hydraulic Flow (gpm)	62.5 gal/min (236.6 L/min)
Primary Auxiliary Hydraulic Flow	26.4 gal/min (100.0 L/min)
Secondary Auxiliary Hydraulic Flow	14.5 gal/min (55.0 L/min)
Main Relief Hydraulic Pressure	3,990 psi (27.5 mpa)
Hydraulic Reservoir Capacity	19.3 gal (73.0 L)
Hydraulic System Capacity	37.0 gal (140 L)



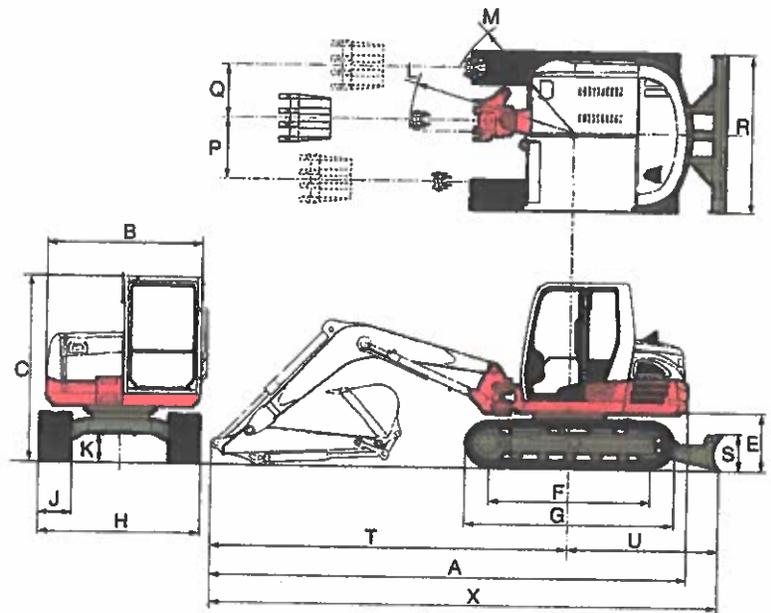
WORKING DIMENSIONS

A. Max reach	24 ft 5 in (7,435 mm)
B. Max Reach Ground Level	23 ft 11 in (7,290 mm)
C. Max Dig Depth	15 ft 0 in (4,570 mm)
D. Max Vertical Dig Depth	12 ft 6 in (3,805 mm)
E. Reach at Vertical Dig Depth	15 ft 7 in (4,755 mm)
F. Max Dig Height	24 ft 0 in (7,305 mm)
G. Max Dump Height	17 ft 3 in (5,270 mm)
H. Min Dump Height	5 ft 5 in (1,650 mm)
J. Blade Max Lift	1 ft 8 in (520 mm)
K. Blade Max Lower	1 ft 7 in (490 mm)



MACHINE DIMENSIONS

A. Transport Length	21 ft 10 in (6,660 mm)
B. Upper Body Width	7 ft 0 in (2,140 mm)
C. Transport Height	8 ft 5 in (2,565 mm)
D. Tail Swing (Slew) Radius	5 ft 5 in (1,650 mm)
E. Counter Weight Ground Clearance	2 ft 7 in (785 mm)
F. Track Ground Contact	7 ft 3 in (2,210 mm)
G. Undercarriage Length	9 ft 4 in (2,855 mm)
H. Undercarriage Width (Rubber)	7 ft 3 in (2,200 mm)
J. Track Shoe Width (Rubber)	17.7 in (450 mm)
J. Track Shoe Width (Steel)	21.7 in (550 mm)
K. Ground Clearance	1 ft 3 in (385 mm)
L. Min. Front Radius (Straight)	8 ft 2 in (2,495 mm)
M. Min. Front Radius (Offset)	6 ft 8 in (2,030 mm)
P. Offset Working Distance (Left)	2 ft 9 in (845 mm) @ 70°
Q. Offset Working Distance (Right)	2 ft 5 in (730 mm) @ 60°
R. Dozer Blade Width	7 ft 7 in (2,300 mm)
S. Dozer Blade Height	1 ft 8 in (500 mm)
T. Boom Length from Center	16 ft 6 in (5,020 mm)
U. Blade Length from Center	6 ft 9 in (2,055 mm)
X. Total Length with Blade at Rear	23 ft 3 in (7,075 mm)



◆ - Standard

⊙ - Optional

Product Features

ENGINE

- ◆ EPA Interim Tier 4 Compliant
- ◆ Turbocharged
- ◆ Automatic Idle
- ◆ Selectable Work Modes
- ◆ Automatic Preheat
- ◆ Extended Life Coolant
- ◆ Large Capacity Radiator
- ◆ High Capacity Fuel Filters
- ◆ Automatic Fuel Bleed System
- ◆ Dual Air Filters

ELECTRICAL

- ◆ Easy to see instrumentation with: hour meter, fuel gauge coolant temperature gauge along with audible and visual indicators for low engine oil pressure, high engine coolant temperature, air filter restriction, charging system voltage
- ◆ 12v/80a Alternator
- ◆ Multi Function Switch Bank
- ◆ Front and Side Halogen Lights
- ◆ Travel Alarm
- ◆ Horn

UNDERCARRIAGE AND FRAME

- ◆ Triple Flange Track Rollers
- ◆ Automatic Track Tensioner
- ◆ 2-Speed Travel with Automatic Shift
- ◆ High Torque Planetary Final Drive
- ◆ Heavy Duty Dozer Blade with Float
- ◆ Large Wrap Around Counterweight
- ◆ 17.7" Wide Rubber Tracks
- ⊙ 21.7" Steel Tracks

HYDRAULIC

- ◆ Load Sensing Hydraulic System
- ◆ Cushioned Boom and Arm Cylinders
- ◆ Precision and Responsive Pilot Controls
- ◆ Large Capacity Hydraulic Oil Cooler
- ◆ Primary Auxiliary circuit with 1-Way and 2-Way Operation Plumbed to the Arm
- ◆ Primary Auxiliary Circuit with 3 Selectable Modes and In-Cab Flow Adjustments
- ◆ Secondary Auxiliary Circuit with Adjustable Flow Control System
- ◆ Auxiliary Detent (Primary Circuit)

WORKING EQUIPMENT

- ◆ Dual Boom Cylinders
- ◆ Boom Holding Valve with Lift Alarm
- ◆ Integrated Thumb Mount
- ◆ Heavy Duty, Easy Adjust Bucket Linkage
- ⊙ Dual Position Bucket
- ⊙ Heavy Duty Adjustable Bucket Coupler
- ⊙ Main Pin Hydraulic Thumb

OPERATOR'S STATION

- ◆ Cab with Certified ROPS/FOPS Protection
- ◆ 10-Way Adjustable Cloth Covered High Back Suspension Seat
- ◆ Quick Change Control Pattern (ISO or SAE)
- ◆ Electro-Hydraulic Proportional Thumb Control of Auxiliary
- ◆ Hydraulic Functions
- ◆ AM/FM/MP3 Radio
- ◆ Automatic Climate Control System for Air-Conditioning and Heat
- ◆ 2" Seat Belt
- ⊙ 3" Seat Belt

Rollins Machinery Ltd.

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44725 Yale Rd W. Chilliwack BC 604-792-1301

Toll Free 1-800-665-9060

www.takeuchi-us.com

L.S. Home Hydraulic Service Inc.

24884 58 Ave
Langley
BC V4W 1T5

Invoice

Date	Invoice #
2022-08-02	2087

Invoice To
DCH EXCAVATING LTD. 2755 - 216 St. Langley, BC V2Z 1P4 Canada

VIN 0022

Job #	P.O. No.	Terms	Due Date
22330	TB285P	Net 30	2022-09-01

Qty	Description	Rate	Amount
1	Black Thumb Cylinder 1.75 x 3.00: Dismantle and inspect. The rod was damaged and required repair and chrome. Light hone to clean only. Supply and install new seal kit and pin wipers. Assemble and test. Deliver back to customer location. Minimum chrome charge for thumb rod.	545.17	545.17
1		425.00	425.00

Sales Tax Summary

GST@5.0%	48.51
PST (BC)@7.0%	67.91
Total Tax	116.42

	Total	\$1,086.59
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GST/HST No. 746352483

L.S. Home Hydraulic Service Inc.

24884 58 Ave
Langley
BC V4W 1T5

Invoice

Date	Invoice #
2022-08-11	2101

Invoice To
DCH EXCAVATING LTD. 2755 - 216 St. Langley, BC V2Z 1P4 Canada

1B2205 (0022)

Job #	P.O. No.	Terms	Due Date
22333	Takuchi Cylinder	Net 30	2022-09-10

Qty	Description	Rate	Amount
1	Takuchi Cylinder 70 x 100: Dismantle and inspect. The rod was damaged and required repair and chrome. Light hone to clean only. Supply and install new seal kit and pin wipers. Assemble and test. Deliver back to customer location.	856.73	856.73
1	Chrome charge.	500.00	500.00

Sales Tax Summary

GST@5.0%	67.84
PST (BC)@7.0%	94.97
Total Tax	162.81

Total	\$1,519.54
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