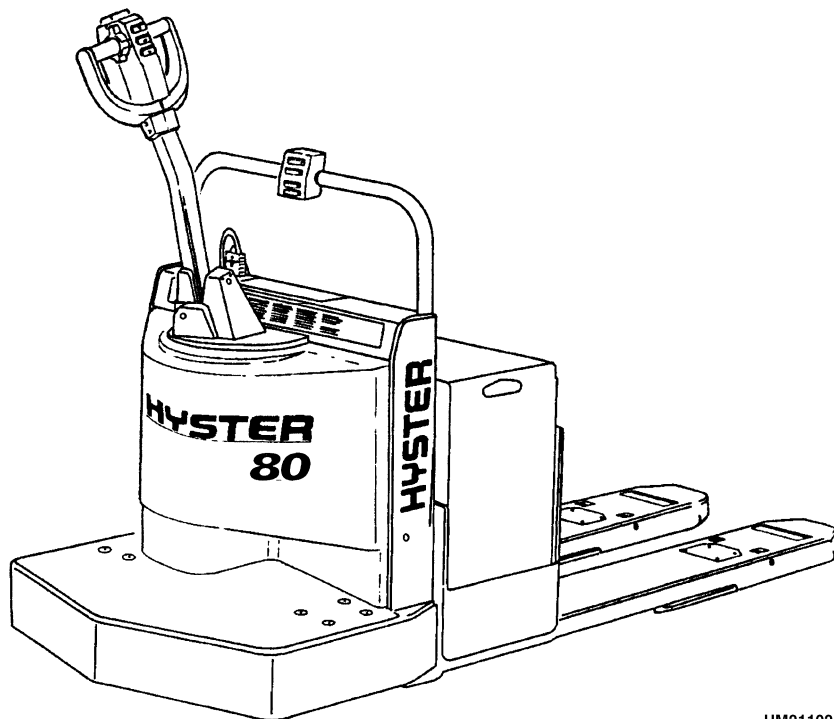


CAPACITIES AND SPECIFICATIONS

W/B/C60-80XT [B199];
T5XT [E142]



HM211025

HYSTER

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This section is for the following models:

W/B/C60-80XT [B199];
T5XT [E142]

Hydraulic System

Unit	Battery Compartment mm (in.)	Volts	Operating Pressure ¹ MPa (psi)		Ampere Draw ²		Relief Setting		Lift Time (sec)		Lower Time (sec)	
			No Load	Rated Load	No Load	Rated Load	Press. MPa (psi) ³	Amp Draw	No Load	Rated Load	No Load	Rated Load
W60XT	229 mm (9.0 in.)	12	3.10 MPa (450 psi)	15.17 MPa (2200 psi)	105	155	19.65 MPa (2850 psi)	240	3.3	4.6	3.6	2.7
	340 mm (13.4 in.)	12	3.10 MPa (450 psi)	15.17 MPa (2200 psi)	105	155	19.65 MPa (2850 psi)	240	3.3	4.6	3.6	2.7
	229 mm (9.0 in.)	24	3.10 MPa (450 psi)	15.17 MPa (2200 psi)	75	110	19.65 MPa (2850 psi)	150	3.3	3.9	3.6	2.7
	340 mm (13.4 in.)	24	3.10 MPa (450 psi)	15.17 MPa (2200 psi)	75	110	19.65 MPa (2850 psi)	150	3.3	3.9	3.6	2.7
B60XT	229 mm (9.0 in.)	24	3.10 MPa (450 psi)	15.17 MPa (2200 psi)	75	110	19.65 MPa (2850 psi)	150	3.3	3.9	3.6	2.7
	340 mm (13.4 in.)	24	3.10 MPa (450 psi)	15.17 MPa (2200 psi)	75	110	19.65 MPa (2850 psi)	150	3.3	3.9	3.6	2.7
C60XT	340 mm (13.4 in.)	24	3.10 MPa (450 psi)	15.17 MPa (2200 psi)	75	110	19.65 MPa (2850 psi)	150	3.3	3.9	3.6	2.7
W80XT	340 mm (13.4 in.)	24	3.45 MPa (500 psi)	20.00 MPa (2900 psi)	75	125	24.13 MPa (3500 psi)	175	3.3	4.5	2.9	2.4
B80XT	340 mm (13.4 in.)	24	3.45 MPa (500 psi)	20.00 MPa (2900 psi)	75	125	24.13 MPa (3500 psi)	175	3.3	4.5	2.9	2.4
C80XT	340 mm (13.4 in.)	24	3.45 MPa (500 psi)	20.00 MPa (2900 psi)	75	125	24.13 MPa (3500 psi)	175	3.3	4.5	2.9	2.4

Standard Specifications

Hydraulic Tank Capacity - 1.4 liter (1.5 qt)

Pump Displacement (12 Volts) - 2.11 cm³/rev (0.129 in.³/rev)

Pump Displacement (24 Volts) - 1.59 cm³/rev (0.097 in.³/rev)

Creep Rate - 6.4 mm (0.25 in.) Maximum in 10 Minutes @ 21°C (70°F) Oil Temperature

Footnotes

¹ ±0.35 MPa (±51 psi) @ 21°C (70°F) Oil Temperature

² ±10 Amps @ 1.270 Battery Specific Gravity

³ +0.6 to 0.0 MPa (+87 to 0 psi) @ 21°C (70°F) Oil Temperature Full Flow

(More Content includes: Brake system, Capacities, and specifications, Frame, Hydraulic, System, Industrial battery, Main control, Valve, Mast repair, Fasteners, Schematics diagrams, Steering axle, Steering system, Wire harness repair And more)

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Weight

BASIC TRUCK WITHOUT BATTERY

Unit	Battery Compartment	Fork Length 1067 mm (42 in.) Weight	Fork Length 1219 mm (48 in.) Weight	Fork Length 2134 mm (84 in.) Weight	Fork Length 2438 mm (96 in.) Weight
W60XT	229 mm (9.0 in.)	467 kg (1030 lb)	476 kg (1050 lb)	581 kg (1280 lb)	599 kg (1320 lb)
	340 mm (13.4 in.)	479 kg (1055 lb)	488 kg (1075 lb)	592 kg (1305 lb)	610 kg (1345 lb)
B60XT	229 mm (9.0 in.)	501 kg (1105 lb)	510 kg (1125 lb)	615 kg (1355 lb)	633 kg (1395 lb)
	340 mm (13.4 in.)	513 kg (1130 lb)	522 kg (1150 lb)	626 kg (1380 lb)	644 kg (1420 lb)
C60XT	340 mm (13.4 in.)	526 kg (1160 lb)	535 kg (1180 lb)	640 kg (1410 lb)	658 kg (1450 lb)
W80XT	340 mm (13.4 in.)	479 kg (1055 lb)	488 kg (1075 lb)	592 kg (1305 lb)	610 kg (1345 lb)
B80XT	340 mm (13.4 in.)	513 kg (1130 lb)	522 kg (1150 lb)	626 kg (1380 lb)	644 kg (1420 lb)
C80XT	340 mm (13.4 in.)	526 kg (1160 lb)	535 kg (1180 lb)	640 kg (1410 lb)	658 kg (1450 lb)
T5XT	343 mm (13.5 in.)	590 kg (1300 lb)	NOTE: Weight is for tractor only. Tractor has no forks.		

Tires

Table 1. Drive Tire

Size - 10 × 5 × 6.5	Wheel Capscrew Torque 190 to 217 N•m (140 to 160 lbf ft)
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Table 2. Trail Tires (T5XT Only)

Size - 5.5 × 5	Wheel Bearing End Play 0.13 to 0.25 mm (0.005 to 0.010 in.)
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Torque Specifications

CASTER ASSEMBLY (NOT APPLICABLE ON T5XT)

Mounting Capscrews (4 each)
115 N•m (85 lbf ft)

MASTER DRIVE UNIT

Motor to Housing Capscrews (4 each)
49 N•m (36 lbf ft)

Upper Housing to Lower Housing 1/2-13 Capscrews (3 each)
102 to 115 N•m (75 to 85 lbf ft)

Upper Housing to Lower Housing 3/8-16 Capscrews (1 each)
54 to 61 N•m (40 to 45 lbf ft)

Drive Axle Shaft Nut
95 to 122 N•m (70 to 90 lbf ft)

Drive Wheel Capscrews (5 each)
190 to 217 N•m (140 to 160 lbf ft)

Drain Plug
27 N•m (20 lbf ft)

Fill-Level Plug
27 N•m (20 lbf ft)

Bearing Retaining Plate Capscrews (4 each)
49 N•m (36 lbf ft)

Cover Capscrews (4 each)
49 N•m (36 lbf ft)

STEERING

Steer Arms to Shaft - Button Head Screws (2 each)
31 N•m (23 lbf ft)

Control Assembly to Eyebolt Nut (2 each)
16 N•m (12 lbf ft)

Steer Arms to Steer Tube Capscrews (2 each)
27 N•m (20 lbf ft)

Steer Disc to Tower Weldment Capscrews (3 each)
49 N•m (36 lbf ft)

Tower Weldment to Motor Capscrews (4 each)
49 N•m (36 lbf ft)

Tower Weldment to MDU Housing (2 each)
149 to 163 N•m (110 to 120 lbf ft)

Bearing Clamp Capscrews (2 each)
149 to 163 N•m (110 to 120 lbf ft)

Steering Bearing Mounting Capscrews (6 each) W-XT
76 N•m (56 lbf ft)

Steering Bearing Mounting Capscrews (4 each Hex Hd) B,C&T5XT
76 N•m (56 lbf ft)

Steering Bearing Mounting Capscrews (2 each Flat Hd) B,C&T5XT
76 N•m (56 lbf ft)

Handle Tower Capscrews (4 each) C&T5XT
49 N•m (36 lbf ft)

BRAKE

Adjusting Spring Lock Nuts
49 N•m (36 lbf ft)

Drum Retaining Nut
136 N•m (100 lbf ft)

ELECTRICAL

Traction Motor Power Wire Nuts (4 each)
9 N•m (7 lbf ft)

Traction Motor Pinion Gear Nut
53 N•m (39 lbf ft)

LIFT MECHANISM (NOT APPLICABLE ON T5XT)

Motor and Solenoid Terminal Nuts (4 each)
9 N•m (7 lbf ft)

Pull Rod Jam Nuts (4 each Rod)
176 N•m (130 lbf ft)

Access Cover Capscrews (4 each Cover)

19 N•m (14 lbf ft)

Load Wheel Shaft End Play

0.13 to 0.25 mm (0.005 to 0.010 in.)

Fork Entry Guide Capscrews (2 each)

35 N•m (26 lbf ft)

**Hydraulic Power Unit Mounting
Capscrews (2 each)**

49 N•m (36 lbf ft)

Battery Specifications (Covered Batteries Required)

Voltage	Battery Compartment Size	Battery Width (Max)	Battery Length (Max)	Battery Height (Max)	Battery Weight (Max)	KwH (Max)	Amp Hr. (Max)
12	229 mm (9.0 in.)	218 mm (8.6 in.)	803 mm (31.6 in.)	787 mm (31.0 in.)	340 kg (750 lb)	10.7	930
12	340 mm (13.4 in.)	330 mm (13.0 in.)	803 mm (31.6 in.)	673 mm (26.5 in.)	508 kg (1120 lb)	15.3	1320
24	229 mm (9.0 in.)	224 mm (8.8 in.)	803 mm (31.6 in.)	787 mm (31.0 in.)	431 kg (950 lb)	10.8	465
24	340 mm (13.4 in.)	330 mm (13.0 in.)	803 mm (31.6 in.)	787 mm (31.0 in.)	658 kg (1450 lb)	19.4	840
T5XT-24	343 mm (13.5 in.)	330 mm (13.0 in.)	803 mm (31.6 in.)	787 mm (31.0 in.)	658 kg (1450 lb)	19.4	840

