

FD25T-16	FG28HT-16	FD28T-16	FG30HT-16	FD30T-16	FG32HT-16	FD32T-16	FG35AHT-16	FD35AT-16
Diesel	Gasoline	Diesel	Gasoline	Diesel	Gasoline	Diesel	Gasoline	Diesel
Sit-Down	Sit-Down	Sit-Down	Sit-Down	Sit-Down	Sit-Down	Sit-Down	Sit-Down	Sit-Down
5,000 (2,267)	5,500 (2,495)	5,500 (2,495)	6,000 (2,722)	6,000 (2,722)	6,500 (2,948)	6,500 (2,948)	7,000 (3,175)	7,000 (3,175)
17.9 (455)	19.1 (485)	19.1 (485)	19.1 (485)	19.1 (485)	19.1 (485)	19.1 (485)	19.9 (505)	19.9 (505)
65 (1,650)	66.9 (1,700)	66.9 (1,700)	66.9 (1,700)	66.9 (1,700)	66.9 (1,700)	66.9 (1,700)	66.9 (1,700)	66.9 (1,700)

8,060 (3,660)	8,888 (4,035)	8,920 (4,050)	9,405 (4,270)	9,490 (4,310)	9,791 (4,445)	9,930 (4,510)	10,793 (4,900)	10,970 (4,980)
11,440 (5,195)	12,590 (5,710)	12,640 (5,740)	13,510 (6,130)	13,590 (6,170)	14,200 (6,440)	14,380 (6,530)	15,610 (7,080)	15,700 (7,130)
1,620 (735)	1,810 (820)	1,770 (805)	1,910 (865)	1,890 (860)	2,110 (965)	2,050 (930)	2,200 (1,000)	2,270 (1,030)
3,190 (1,450)	3,510 (1,590)	3,570 (1,620)	3,600 (1,635)	3,700 (1,680)	3,480 (1,580)	3,680 (1,670)	3,970 (1,800)	4,060 (1,845)
4,870 (2,210)	5,390 (2,445)	5,350 (2,430)	5,810 (2,635)	5,790 (2,630)	6,320 (2,865)	6,260 (2,840)	6,830 (3,100)	6,910 (3,135)

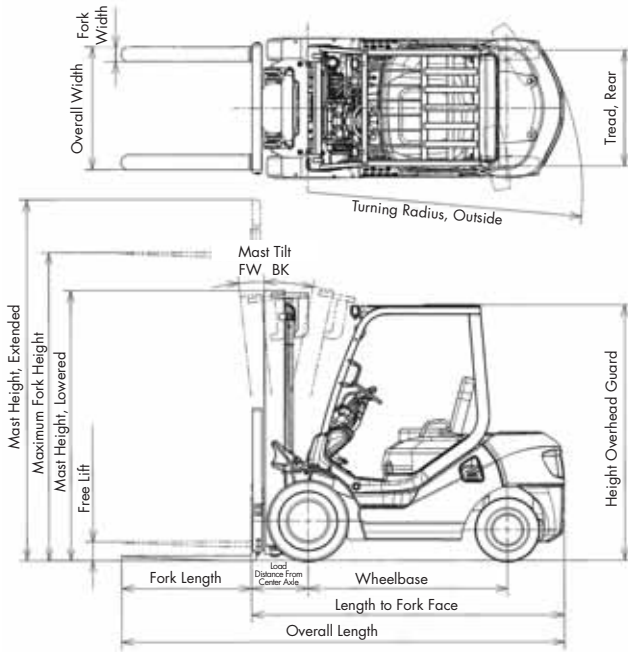
Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
7 - 12 - 12PR	28 x 9 - 15 - 12PR (I)	28 x 9 - 15 - 12PR (I)	28 x 9 - 15 - 12PR (I)	28 x 9 - 15 - 12PR (I)	28 x 9 - 15 - 12PR (I)	28 x 9 - 15 - 12PR (I)	250 - 15 - 20PR	250 - 15 - 20PR
6 - 9 - 10PR	6.5 - 10 - 10PR	6.5 - 10 - 10PR	6.5 - 10 - 10PR	6.5 - 10 - 10PR	6.5 - 10 - 10PR	6.5 - 10 - 10PR	6.5 - 10 - 12PR	6.5 - 10 - 12PR
2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2
38 (966)	40.4 (1,025)	40.4 (1,025)	40.4 (1,025)	40.4 (1,025)	40.4 (1,025)	40.4 (1,025)	41.7 (1,060)	41.7 (1,060)
37.8 (960)	38 (965)	38 (965)	38 (965)	38 (965)	38 (965)	38 (965)	38 (965)	38 (965)

6 / 12	6 / 12	6 / 12	6 / 12	6 / 12	6 / 12	6 / 12	6 / 12	6 / 12
6 / 5	6 / 5	6 / 5	6 / 5	6 / 5	6 / 5	6 / 5	6 / 5	6 / 5
85.4 (2,170)	85 (2,160)	85 (2,160)	85 (2,160)	85 (2,160)	88.6 (2,250)	88.6 (2,250)	89.2 (2,265)	89.2 (2,265)
176 (4,470)	176 (4,470)	176 (4,470)	176 (4,470)	176 (4,470)	176 (4,470)	176 (4,470)	176 (4,470)	176 (4,470)
128 (3,250)	128 (3,250)	128 (3,250)	128 (3,250)	128 (3,250)	128 (3,250)	128 (3,250)	132.3 (3,360)	132.3 (3,360)
5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)
83.1 (2,110)	83.9 (2,130)	83.9 (2,130)	83.9 (2,130)	83.9 (2,130)	83.9 (2,130)	83.9 (2,130)	84.5 (2,145)	84.5 (2,145)
144.5 (3,670)	146.5 (3,720)	146.5 (3,720)	148.8 (3,780)	148.8 (3,780)	150.6 (3,825)	150.6 (3,825)	152.2 (3,865)	152.2 (3,865)
102.4 (2,600)	104.3 (2,650)	104.3 (2,650)	106.7 (2,710)	106.7 (2,710)	108.5 (2,755)	108.5 (2,755)	110 (2,795)	110 (2,795)
45.3 (1,150)	48.6 (1,235)	48.6 (1,235)	48.6 (1,235)	48.6 (1,235)	48.6 (1,235)	48.6 (1,235)	50.8 (1,290)	50.8 (1,290)
1.6 x 3.9 x 42 (40 x 100 x 1,070)	2 x 4.9 x 42 (50 x 125 x 1,070)	2 x 4.9 x 42 (50 x 125 x 1,070)	2 x 4.9 x 42 (50 x 125 x 1,070)	2 x 4.9 x 42 (50 x 125 x 1,070)	2 x 4.9 x 42 (50 x 125 x 1,070)	2 x 4.9 x 42 (50 x 125 x 1,070)	2 x 4.9 x 42 (50 x 125 x 1,070)	2 x 4.9 x 42 (50 x 125 x 1,070)
40.9 (1,040) / II	41 (1,041) / II	41 (1,041) / II	41 (1,041) / III	41 (1,041) / III	42.1 (1,070) / III	42.1 (1,070) / III	41.7 (1,060) / III	41.7 (1,060) / III
5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)
6.2 (158)	7.3 (186)	7.3 (186)	7.3 (186)	7.3 (186)	7.3 (186)	7.3 (186)	7.3 (186)	7.3 (186)
106.1 (2,695)	110 (2,795)	110 (2,795)	112.4 (2,855)	112.4 (2,855)	114.4 (2,906)	114.4 (2,906)	117.5 (2,985)	117.5 (2,985)
88.2 (2,240)	90.9 (2,310)	90.9 (2,310)	93.3 (2,370)	93.3 (2,370)	95.3 (2,420)	95.3 (2,420)	97.6 (2,480)	97.6 (2,480)

11.5 (18.5) / 11.8 (19)	11.5 (18.5) / 12.1 (19.5)	11.8 (19) / 12.1 (19.5)	11.5 (18.5) / 12.1 (19.5)	11.8 (19) / 12.1 (19.5)	10.9 (17.5) / 11.5 (18.5)	11.2 (18) / 11.8 (19)	10.9 (17.5) / 11.5 (18.5)	11.2 (18) / 11.5 (18.5)
124 (630) / 130 (660)	112 (570) / 124 (630)	118 (600) / 128 (650)	104 (530) / 124 (630)	104 (530) / 128 (650)	104 (530) / 114 (580)	98 (500) / 112 (570)	89 (450) / 91 (460)	87 (440) / 91 (460)
98 (500) / 98 (500)	98 (500) / 98 (500)	98 (500) / 98 (500)	98 (500) / 98 (500)	98 (500) / 98 (500)	98 (500) / 98 (500)	98 (500) / 98 (500)	79 (400) / 79 (400)	79 (400) / 79 (400)
4,072 (18.1)	4,630 (20.6)	4,072 (18.1)	4,630 (20.6)	3,937 (17.5)	4,630 (20.6)	3,937 (17.5)	4,410 (19.6)	3,847 (17.1)
31	30	27	27	25	25	24	22	24
Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic	Foot / Hydraulic
Hand / Mechanical	Hand / Mechanical	Hand / Mechanical	Hand / Mechanical	Hand / Mechanical	Hand / Mechanical	Hand / Mechanical	Hand / Mechanical	Hand / Mechanical
FHPS	FHPS	FHPS	FHPS	FHPS	FHPS	FHPS	FHPS	FHPS

Yanmar / 4D94LE	Nissan / K25	Yanmar / 4D94LE	Nissan / K25	Yanmar / 4D94LE	Nissan / K25	Yanmar / 4D94LE	Nissan / K25	Yanmar / 4D94LE
65 (48) @ 2,450	60 (44) @ 2,700	65 (48) @ 2,450	60 (44) @ 2,700	65 (48) @ 2,450	60 (44) @ 2,700	65 (48) @ 2,450	60 (44) @ 2,700	65 (48) @ 2,450
141 (191) @ 1,800	142 (193) @ 1,600	141 (191) @ 1,800	142 (193) @ 1,600	141 (191) @ 1,800	142 (193) @ 1,600	141 (191) @ 1,800	142 (193) @ 1,600	141 (191) @ 1,800
4 / 187 (3,062)	4 / 152 (2,488)	4 / 187 (3,062)	4 / 152 (2,488)	4 / 187 (3,062)	4 / 152 (2,488)	4 / 187 (3,062)	4 / 152 (2,488)	4 / 187 (3,062)
15.3 (58)	15.3 (58)	15.3 (58)	15.3 (58)	15.3 (58)	15.3 (58)	15.3 (58)	15.3 (58)	15.3 (58)

2,650 (181)	2,650 (181)	2,650 (181)	2,650 (181)	2,650 (181)	2,650 (181)	2,650 (181)	2,650 (181)	2,650 (181)
Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift
-	83	-	83	-	83	-	83	-



KOMATSU Proven Ability
Komatsu has the ability to eclipse the competition by taking the complicated and making it simple. We strive to provide innovative solutions using the technologies of tomorrow — today.

SPECIAL FEATURES

- » EPA Tier II compliant K21 and K25 industrial engine with high torque at low RPMs for power and fuel efficiency
- » Komfort Zone™ dual fueling structure uses drive-train cushion mounts and suspension compartment mounts to isolate the operator from engine and floor vibration
- » EZLift™ Hydraulic System with tandem pump provides fast and controllable lifting speed at low engine RPM
- » New full floating transmission with high-capacity oil cooler for the torque converter, aluminum alloy transmission case for better heat dissipation, and highly reliable, dust-resistant, double-sealed universal joint design
- » Self-adjusting brakes with thicker drums improve heat resistance in severe duty applications
- » Improved steer axle with integral double-acting, double-ended cylinder, high-capacity king-pin needle bearings, and heavy-duty seals
- » New EZview mast with improved visibility window, combined with low profile dash display, offers the operator an unrestricted view to the fork tips and surrounding area
- » KOPS (Komatsu Operator Presence System) Plus locks out lift, lower, tilt and travel functions when the operator leaves the seat for longer than three seconds

STANDARD EQUIPMENT

- » New low profile dash display – Fuel Gauge, Water Temperature Gauge and Hour Meter
- » Indicator lights – Neutral/Return to Neutral, Low Oil Pressure, Low Battery/Alternator, Hydraulic Lock (Operator Presence), Check Engine Warning, Maintenance Error Code
- » Drawbar Pin in Counterweight
- » Electronic Ignition, Anti-Restart Ignition Switch
- » Fully Hydrostatic Power Steering
- » Long-Life Headlights (OHG Mounted)
- » LED Tail/Stop/Rear Turn Lights
- » High-Mount Air Intake
- » Horn with Actuator on Center of Steering Wheel
- » Three-Piece Overhead Guard
- » Komfort Seat and Operator Restraint System with Lap Belt
- » Three-Function Hydraulic Control Valve
- » Parking Brake with Double-Action Release
- » Tilting Steering Column
- » Large, Open Floor Space with Operator Compartment Suspended-Mount Pedals
- » Transmission Torque Converter Oil Cooler
- » Load Backrest
- » Spacious Step Area, Large Entry Handgrip and Wide-Open Floor Space allows easy entry/exit to the Komfort Zone
- » Engine Protection System
- » ITA Class II or Class III Fork Carriage
- » ITA Class II or Class III Forks
- » Critical Wiring Harness Connectors are Waterproof
- » Contoured, Easy-to-Grip, Hydraulic Control Lever Knobs
- » Overhead Guard Mounted Headlights

Maximum Fork Height in. (mm)	Mast Height		Free Lift in. (mm)
Lowered in. (mm)	Extended in. (mm)		
EZview® FG(D)20/25			
2-STAGE FREE VIEW (FV)			
106 (2,690)	74.5 (1,890)	154 (3,910)	5.5 (140)
116 (2,945)	79.5 (2,020)	164 (4,165)	5.5 (140)
128 (3,250)	85.5 (2,170)	176 (4,470)	5.5 (140)
146 (3,705)	94.5 (2,400)	194 (4,925)	5.5 (140)
158 (4,010)	100.5 (2,550)	206 (5,230)	5.5 (140)
2-STAGE FULL FREE VIEW (FFV)			
106 (2,690)	74.5 (1,890)	154 (3,910)	26.5 (670)
116 (2,945)	79.5 (2,020)	164 (4,165)	31.5 (800)
128 (3,250)	85.5 (2,170)	176 (4,470)	37.5 (950)
3-STAGE FULL FREE VIEW (TFV)			
152.5 (3,870)	73.5 (1,865)	200.5 (5,090)	25.5 (645)
170.5 (4,330)	79.5 (2,020)	218.5 (5,550)	31.5 (800)
188.5 (4,785)	85.5 (2,170)	236.5 (6,010)	37.5 (950)
198.5 (5,040)	89.5 (2,275)	246.5 (6,260)	41.5 (1,055)
216.5 (5,500)	97.5 (2,475)	264.5 (6,720)	49.5 (1,255)
235.5 (5,980)	106.5 (2,705)	283.5 (7,200)	58.5 (1,485)
EZview® FG(D)28/30			
2-STAGE FREE VIEW (FV)			
106 (2,690)	74.5 (1,890)	154 (3,910)	5.5 (140)
118 (2,995)	80.5 (2,045)	166 (4,215)	5.5 (140)
128 (3,250)	85.5 (2,170)	176 (4,470)	5.5 (140)
146 (3,705)	94.5 (2,400)	194 (4,925)	5.5 (140)
158 (4,010)	100.5 (2,550)	206 (5,230)	5.5 (140)
2-STAGE FULL FREE VIEW (FFV)			
106.5 (2,690)	75.5 (1,915)	154 (3,910)	26.5 (670)
116.5 (2,945)	80.5 (2,045)	164.5 (4,180)	32.5 (825)
128.5 (3,260)	86.5 (2,195)	176.5 (4,480)	38.5 (975)
3-STAGE FULL FREE VIEW (TFV)			
150.5 (3,820)	74.5 (1,890)	198.5 (5,040)	26.5 (670)
168.5 (4,280)	80.5 (2,045)	216.5 (5,500)	32.5 (825)
183.5 (4,660)	85.5 (2,170)	231.5 (5,880)	37.5 (950)
190.5 (4,835)	88.5 (2,250)	238.5 (6,055)	40.5 (1,025)
211.5 (5,370)	97.5 (2,475)	259.5 (6,590)	49.5 (1,255)
230.5 (5,855)	106.5 (2,705)	278.5 (7,070)	58.5 (1,485)
EZview® FG(D)32			
2-STAGE FREE VIEW (FV)			
106 (2,690)	77.5 (1,970)	154 (3,910)	5.5 (140)
114 (2,895)	81.5 (2,070)	162 (4,115)	5.5 (140)
128 (3,250)	88.5 (2,250)	176 (4,470)	5.5 (140)
146 (3,705)	97.5 (2,475)	194 (4,925)	5.5 (140)
158 (4,010)	103.5 (2,630)	206 (5,230)	5.5 (140)
3-STAGE FULL FREE VIEW (TFV)			
150.5 (3,820)	76.5 (1,945)	198.5 (5,040)	28.5 (725)
162.5 (4,125)	80.5 (2,045)	210.5 (5,345)	32.5 (825)
183.5 (4,660)	87.5 (2,225)	231.5 (5,880)	39.5 (1,000)
189.5 (4,810)	91.5 (2,325)	237.5 (6,030)	43.5 (1,105)
217.5 (5,525)	103.5 (2,630)	265.5 (6,740)	55.5 (1,410)
230.5 (5,855)	110.5 (2,805)	278.5 (7,070)	62.5 (1,585)
EZview® FG(D)35			
2-STAGE FREE VIEW (FV)			
120.5 (3,060)	82.5 (2,095)	168.5 (4,280)	5.5 (140)
132.5 (3,365)	89 (2,260)	180.5 (4,585)	5.5 (140)
148 (3,760)	97 (2,460)	196 (4,975)	5.5 (140)
160 (4,065)	105 (2,665)	208 (5,280)	5.5 (140)
3-STAGE FULL FREE VIEW (TFV)			
149 (3,785)	75.5 (1,915)	197 (5,000)	27.5 (700)
173 (4,395)	82.5 (2,095)	221 (5,610)	34.5 (875)
188.5 (4,785)	89 (2,260)	236.5 (6,005)	41 (1,040)
220 (5,585)	101 (2,565)	268 (6,805)	53 (1,345)
240 (6,095)	109 (2,765)	288 (7,315)	61 (1,550)

NOTE: Specifications for 4-Stage Full Free View (QFV) Masts are not indicated. Please consult your authorized dealer for information and availability.

OPTIONAL EQUIPMENT

- » Warning Lights & Audible Travel Alarms
- » Economy Mode Package
- » Tilt Cylinder Boots
- » Cotton-Core Radiator
- » Spinner Knob Steering Wheel
- » Dual-Fuel System
- » Optional Fork Lengths
- » Sideshifter – Integral or Hang-On
- » 4-Way Valve and Internal Hosing
- » Special Tires
- » Full Suspension Seat
- » Fire Extinguisher
- » Attachments

Contact your authorized dealer for other options.

ENGINE – GASOLINE / LPG

K21 (2.1 liter) or K25 (2.5 liter) gasoline/LPG, 4-cylinder, in-line engines with Engine Concentrated Control Systems (ECCS) exceed EPA emissions standards. These low-RPM, high-torque industrial engines offer reduced maintenance requirements, exceptional emissions controls, fast acceleration, high performance, reliable durability and enhanced serviceability through engineering excellence.

- There are three engine fuel choices: gasoline multi-port fuel injection, LPG single-port (throttle body) fuel injection, or a dual-fuel system with easy switching at the flip of a switch. All engines are equipped with 3-way catalytic converters and closed-loop exhaust systems.
- All engines utilize an ECCS that continuously monitors data from the fuel pressure, accelerator throttle position, mass air-flow sensor, and heated oxygen sensor – for improved fuel economy, smooth operation, reliable starting in cold weather, and high performance throughout the operating range. An electronic throttle governor protects the engine against over-rev damage.
- Crankshaft and camshaft position sensors provide information to the ECCS for optimum ignition and fuel injection timing. Each cylinder has an individual ignition coil for precise control and reliability.
- An engine coolant temperature sensor and controller protects the engine against damage due to high engine temperature by automatically limiting engine speed during high-temperature operation. If the engine coolant temperature exceeds safe operation temperature, the engine will be shut down. An illuminated indicator on the instrument console indicates high-temperature operation, and gives the operator warning of engine shutdown.
- The aluminum alloy cylinder head has large intake and exhaust valves and a semi-hemispherical combustion chamber for efficient fuel consumption.
- The engine block is designed with five main bearings. All main and rod bearings are micro-grooved to improve lubrication and reduce wear.

ENGINE – DIESEL

The 4D94LE diesel, 4-cylinder, in-line 2.77-liter engine employs 4-stroke, 4-cycle technology and direct injection to produce high performance with excellent fuel economy.

- Delivers the power and efficiency to get the job done quickly and cost-effectively, while meeting all applicable EPA emission requirements.
- Quick Glow Spark (QGS) starting system ensures a fast and reliable start in all climates.

FUEL SYSTEM – GASOLINE / LPG

Gasoline, LPG, or Dual-Fuel systems are available. The gasoline fuel tank is integral to the truck frame.

- In-tank mounted gasoline fuel delivery pump, fuel-level sensing unit, pressure regulator and filter are standard.
- LPG fuel system uses single-point, throttle body fuel injection. A removable 33 lb. or 43 lb. fuel tank is available with stationary, fold-back or swing-out-and-down tank mountings.

FUEL SYSTEM – DIESEL

- The diesel fuel tank is integral to the truck frame.
- Easy-servicing diesel fuel system includes clean-out access and a full-flow fuel filter with water separator.

COOLING SYSTEM

The high-capacity aluminum radiator is designed with an efficient thermal transfer fin and integral oil cooler for the transmission torque converter.

- System design allows easy access to the reservoir for checking the coolant level.
- High-volume cooling fan uses flexible plastic blades and shroud for maximum air volume and noise reduction.

ELECTRICAL SYSTEM

Standard instrument package and operator conveniences:

- 12-volt electrical system
- 50A alternator with built-in IC regulator
- Key-lock, anti-restart ignition switch
- High-torque, low-amp starter motor with planetary gear reduction
- Waterproof electrical connectors
- Electric fuel gauge, water temperature gauge, LCD hour meter
- Indicator lights for Neutral/Return to Neutral, Low Oil Pressure, Low Battery/Alternator Output, Check Engine Warning, Hydraulic Lock (Operator Presence), and ECCS Status Code
- ECCS Service Support Tool connector for rapid system diagnostics
- Sediment warning lamp and glow indicator (Diesel Models Only)

EZLIFT™ HYDRAULIC SYSTEM

The EZlift Hydraulic System features a tandem pump assembly with separate pumps for load handling and steering. This enables faster lifting at engine idle speed for greater fuel economy and performance levels.

- Large hydraulic fluid reservoir integral to the truck frame reduces heat buildup in the system.
- Load sensing valve in the hydraulic circuit reduces the flow of oil to the power steering system when steering wheel is idle.
- EZlift Hydraulic System is fully filtered and features a powerful and efficient direct drive gear pump.

FRAME

An all-welded assembly with heavy-gauge steel and integral hydraulic and fuel tanks provide exceptional durability.

- Welded front cross-member and bolted drive axle increase frame rigidity.
- Loads are transferred directly from the mast to the drive axle and onto the floor without being transmitted through the frame, reducing frame stress.
- Wide, open step area, with non-slip surface facilitates easy operator entry and exit.

DRIVE AXLE

A heavy-duty, cast steel drive axle housing supports the load and chassis without placing a load on the free-floating axle shafts. A flange is mounted to the truck frame to improve load distribution and reduce frame flexing.

TRANSMISSION

Komatsu Torqflow single-speed, powershift transmission is specifically designed for industrial applications.

- Column-mounted electrical shift lever gives the operator easy directional control without removing a hand from the steering wheel.
- Optimized stall ratio for torque converter provides high torque without sacrificing travel speed.
- A modulating control valve absorbs initial pressure spikes during initial engagement and directional change. This improves shifting capabilities and prolongs the life of the entire drive train.
- Transmission oil is double-filtered by a 125-micron mesh on pickup, and a 35-micron cartridge on the return line.
- Transmission oil cooler is integral with the radiator.
- Inching control and auxiliary brake pedal combination allows the operator precise truck positioning with positive control.

BRAKES

Hydraulic brakes are self-energizing and self-adjusting.

- Brake fluid reservoir is located under the console cover for fast, easy inspection and maintenance.
- High-friction brake shoes are free of asbestos.
- Heavy-duty brake backing plate and thick brake drum provide reliable braking action and reduced heat.
- Mechanical parking brake has two-stage latching mechanism for positive engagement.
- Power assist is available on selected models.