FH-2 Hydrostatic Drive Forklift

Standard Features Include:

- Komatsu diesel powered pneumatic tire models with 8,000 / 9,000 / 10,000 / 11,000 lbs. of capacity with Komatsu’s exclusive Hydro-Static Drive System (HST), Tier 4 Final Komatsu Diesel engine, advanced Closed-center Load Sensing hydraulic System (CLSS), and KOMTRAX, Komatsu’s GPRS / GPS information delivery and management system.

- The FH Series was designed to utilize highly reliable, field-proven drive and control components that have been used for many years in Komatsu construction equipment. The FH-2 drive system is “Electronically-controlled Hydro-Static” or HST. These drive-line components are known for their quality and reliability through years of use in Komatsu construction equipment like wheel loaders and dozers.

- The forklift’s hydraulic system uses a variable displacement pump with “Closed-center Load Sensing” or CLSS that is a highly efficient hydraulic system used in Komatsu’s hydraulic excavators. All FH-2 Series models are powered by a Komatsu designed and manufactured Tier 4 Final diesel engine that features advanced engine technologies to achieve excellent fuel economy, reduced environmental impact, and outstanding controllability. The new FH Series offers some great new features that will dramatically reduce overall operational costs.

- Komatsu’s HST / CLSS / and SAA4D95LE-6 Diesel Engine work in harmony to achieve significant fuel economy, especially in tough, high-cycle operations where fast-paced loading, unloading, and directional changes are prevalent.

- Komatsu designed and manufactured turbo-charged diesel engine - SAA4D95LE-6, is Tier 4 Final while maintaining power and productivity

- Tilt & telescopic steering console with small diameter steering wheel, spinner knob, and power steering

- Airtight wet disc brake system to assure exceptional overall durability and low operational costs

- Closed-center Load Sensing hydraulic System (CLSS) that efficiently produces the optimal amount of flow and hydraulic pressures demanded by the situation maximizing fuel efficiency

- HST drive allows for directional changes to be accomplished smoothly without releasing the accelerator pedal enhancing ease of operation

- Adjustable auto engine shutdown system prevents needless idling – saving fuel and operational costs

- Full color dash display monitor provides the operator with critical information during truck operation

- Another standard feature, with no added fees for your customer, is KOMTRAX, an exclusive wireless remote equipment and fleet checking system. Leading-edge wireless technology and a secure, user-friendly, web-based application provide critical information…anytime, anywhere.

- FH Series Komatsu Customer Advantage Plan warranty coverage:
  - 24 Months / 3,000 Hours – Standard Warranty Coverage*
  - 60 Months / 6,000 Hours – Power Train Warranty*
  - 60 Months / 10,000 Hours – Wet Disc Brake Warranty*
# FH-2 Specifications

## 1. Model
- Manufacturer's Designation: FH35-2, FH40-2, FH45-2, FH50-2

## 2. Electric, Diesel, Gasoline, LPG
- FH35-2: Diesel
- FH40-2: Diesel
- FH45-2: Diesel
- FH50-2: Diesel

## 3. Power Type
- Model: FH35-2, FH40-2, FH45-2, FH50-2
- Power Type: Diesel
- Load Type: Diesel
- Load Center: Diesel
- Load Distance: Diesel
- Wheelbase: Diesel
- Service Weight: Diesel
- Rated Capacity: Q lbs.
- Load Center: in. (mm)
- Load Distance: in. (mm)
- Wheelbase: in. (mm)
- Service Weight: lbs.
- Load: lbs.
- Rated Capacity Q lbs.: 8,000 (3500)
- Load Center: 24 (600)
- Load Distance: 22.8 (580)
- Wheelbase: 84.7 (2150)
- Service Weight: 12,908 (5855)
- Load: 2,414 (1095)
- Rated Capacity Q lbs.: 9,000 (4000)
- Load Center: 24 (600)
- Load Distance: 22.8 (580)
- Wheelbase: 84.7 (2150)
- Service Weight: 13,536 (6140)
- Load: 2,557 (1160)
- Rated Capacity Q lbs.: 10,000 (4500)
- Load Center: 24 (600)
- Load Distance: 22.8 (580)
- Wheelbase: 84.7 (2150)
- Service Weight: 15,002 (6805)
- Load: 2,888 (1310)
- Rated Capacity Q lbs.: 11,000 (5000)
- Load Center: 24 (600)
- Load Distance: 22.6 (575)
- Wheelbase: 84.7 (2150)
- Service Weight: 15,983 (7250)
- Load: 3,020 (1370)

## 4. Tire Type
- Tire Type: Pneumatic
- Tire Size: ISO 2328, Type A/Brno
- Number of Wheel: 2x/2
- Number of Wheel: 2x/2
- Number of Wheel: 2x/2
- Number of Wheel: 2x/2
- Tire Size: 300-15-18PR(I)
- Tire Size: 300-15-18PR(I)
- Tire Size: 300-15-18PR(I)
- Tire Size: 300-15-18PR(I)
- Tire Size: 7.00-12-12PR(I)
- Tire Size: 7.00-12-12PR(I)
- Tire Size: 7.00-12-14PR(I)
- Tire Size: 7.00-12-14PR(I)

## 5. Height, Overhead Guard
- Height, Overhead Guard: in. (mm)
- Height, Overhead Guard: 90.2 (2290)
- Height, Overhead Guard: 90.2 (2290)
- Height, Overhead Guard: 90.2 (2290)
- Height, Overhead Guard: 90.2 (2290)

## 6. Service Brake
- Service Brake: Foot/Hydraulic
- Service Brake: Hand/Mechanical
- Service Brake: Hand/Mechanical
- Service Brake: Hand/Mechanical

## 7. Lift Speed (FWD)
- Lift Speed: mph (km/h)
- Lift Speed: 14.6 (23.5)
- Lift Speed: 14.6 (23.5)
- Lift Speed: 14.6 (23.5)
- Lift Speed: 14.6 (23.5)

## 8. Lift Speed (Unloaded)
- Lift Speed: mph (km/h)
- Lift Speed: 14.6 (23.5)
- Lift Speed: 14.6 (23.5)
- Lift Speed: 14.6 (23.5)
- Lift Speed: 14.6 (23.5)

## 9. Turn Radius
- Turn Radius: Wa
- Turn Radius: 114.8 (2915)
- Turn Radius: 114.8 (2915)
- Turn Radius: 114.8 (2915)
- Turn Radius: 114.8 (2915)

## 10. Turning Radius
- Turning Radius: Wa
- Turning Radius: 114.8 (2915)
- Turning Radius: 114.8 (2915)
- Turning Radius: 114.8 (2915)
- Turning Radius: 114.8 (2915)

## 11. Ground Clearance
- Ground Clearance: Under Mast
- Ground Clearance: 5.7 (145)
- Ground Clearance: 5.7 (145)
- Ground Clearance: 5.7 (145)
- Ground Clearance: 5.7 (145)

## 12. Forks
- Forks: Thickness x Width x Length
- Forks: Single
- Forks: Single
- Forks: Single
- Forks: Single

## 13. Rated Power
- Rated Power: kW
- Rated Power: 49.5
- Rated Power: 49.5
- Rated Power: 49.5
- Rated Power: 49.5

## 14. Rated RPM
- Rated RPM: min-1
- Rated RPM: 2150
- Rated RPM: 2150
- Rated RPM: 2150
- Rated RPM: 2150

## 15. Fuel Tank Capacity
- Fuel Tank Capacity: U.S. Gallons (L)
- Fuel Tank Capacity: 27.7 (105)
- Fuel Tank Capacity: 27.7 (105)
- Fuel Tank Capacity: 27.7 (105)
- Fuel Tank Capacity: 27.7 (105)

## 16. Transmission
- Transmission: Hydrostatic
- Transmission: Hydrostatic
- Transmission: Hydrostatic
- Transmission: Hydrostatic
- Transmission: Hydrostatic

## 17. Battery
- Battery: Voltage/Capacity at 5-hour rating
- Battery: 24/52
- Battery: 24/52
- Battery: 24/52
- Battery: 24/52

## 18. Make
- Make: KOMATSU
- Make: KOMATSU
- Make: KOMATSU
- Make: KOMATSU

## 19. Model
- Model: SAA4D95LE-6
- Model: SAA4D95LE-6
- Model: SAA4D95LE-6
- Model: SAA4D95LE-6

## 20. Rated Output, SAE net
- Rated Output, SAE net: kW
- Rated Output, SAE net: 49.5
- Rated Output, SAE net: 49.5
- Rated Output, SAE net: 49.5
- Rated Output, SAE net: 49.5

## 21. No. of Cylinder/Displacement
- No. of Cylinder/Displacement: Cu. In. (cm³)
- No. of Cylinder/Displacement: 4 / 199 (3260)
- No. of Cylinder/Displacement: 4 / 199 (3260)
- No. of Cylinder/Displacement: 4 / 199 (3260)
- No. of Cylinder/Displacement: 4 / 199 (3260)

## 22. Turning Radius
- Turning Radius: Wa
- Turning Radius: 114.8 (2915)
- Turning Radius: 114.8 (2915)
- Turning Radius: 114.8 (2915)
- Turning Radius: 114.8 (2915)

## 23. Relief Pressure for Attachment
- Relief Pressure for Attachment: PSI (MPa)
- Relief Pressure for Attachment: 99.4 (505)
- Relief Pressure for Attachment: 99.4 (505)
- Relief Pressure for Attachment: 99.4 (505)
- Relief Pressure for Attachment: 99.4 (505)

## 24. Fuel Tank Capacity
- Fuel Tank Capacity: U.S. Gallons (L)
- Fuel Tank Capacity: 20.1 (76)
- Fuel Tank Capacity: 20.1 (76)
- Fuel Tank Capacity: 20.1 (76)
- Fuel Tank Capacity: 20.1 (76)

## 25. Transmission
- Transmission: Hydrostatic
- Transmission: Hydrostatic
- Transmission: Hydrostatic
- Transmission: Hydrostatic
- Transmission: Hydrostatic