

# ARROW

## Mobile Hydraulic Hammer Model 1350T

More Versatile Than You'd Think ...  
More Productive Than You'd Believe.

### Features:

- Breaks, Cuts & Scores
- Concrete, Rock & Asphalt
- Compacts Backfill in Trenches
- Impact Energy to 13,000 Ft/Lbs
- Automatic Stroke Control
- Best bang for your Breaking Buck



A PRODUCT OF  
**Arrow-Master, Inc.**  
1201 7<sup>th</sup> Street  
East Moline, IL 61244-1465  
PH (800) 325-4151  
Fax (309) 752-1380  
[www.arrowmaster.com](http://www.arrowmaster.com)





## ARROW - MASTER, INCORPORATED

1201 7th Street • East Moline, Illinois 61244 • PH. (309) 752-1345 • FAX (309) 752-1380  
web site: www.arrowmaster.com

# SPECIFICATIONS

**CHASSIS:** All-welded unitized frame.

**ENGINE:**

John Deere Powertech Series Model 4045T, Tier 3, turbocharged, diesel engine. 4-cylinder, 4-cycle, 276 cubic-inch displacement (4.5 L), Bore - 4.19" (106 mm), Stroke - 5.00" (127 mm), 80 hp (60 kW) @ 2500 rpm intermittent, maximum torque of 211 lb-ft (286 Nm) @ 1700 rpm. Equipped with a full-flow oil filter and dry-type air cleaner.

**TRANSMISSION:**

Conventional standard, synchromesh totally enclosed transmission. Three forward speeds up to 20 mph (32 km/h) and one reverse speed.

**AXLES:**

Front wheel drive with single hypoid gear, axle rated at 11,500 lbs. (5,200kg). Rear wheel steering with 3,300 lbs. (1,498kg) rated axle.

**CREEPER DRIVE:**

Patented hydraulic creeper drive mounted directly on the transmission. Creep speed is infinitely variable up to 63 fpm (19.2 mpm) in forward or reverse.

**TRANSMISSION CREEPER INTERLOCK:**

Supplied with a mechanical device that prevents the creeper gear from being engaged if the travel transmission is in gear.

**TIRES:**

Driving tires (Dual):

Load-range D - 8" x 19.5" (203 mm x 495 mm)

Inflation 70 psi (482 kPa).

Steering tires:

Load-range D - 8.75" x 16.5" (222 mm x 419 mm)

Inflation 55 psi (379 kPa).

**FENDERS:**

Heavy-gauge metal fenders to provide protection of operator and vehicle from flying debris.

**ROLLOVER PROTECTION STRUCTURE (ROPS)**

**With Seat Belts:**

Rollover protection structure certified to SAE J1040 for additional operator safety.

**SERVICE BRAKES:**

Four wheel hydraulic independent system.

**PARKING BRAKE:**

Mechanical parking brake.

**POWER STEERING:**

Full power steering that allows unit to be steered when engine is not running. Steering wheel is mounted to a fixed steering column attached to the dashboard.

**HORN:**

Electric 12-volt horn to comply with OSHA requirements.

**STOP LIGHTS AND REFLECTORS:**

Recessed combination stop and tail lights to comply with OSHA requirements.

**FUEL TANK CAPACITY:** 30 Gallons (113 L)

**OIL TANK CAPACITY:** 24 Gallons (91 L)

**HYDRAULIC SYSTEM:**

Hydraulic system consists of a tandem hydraulic pump driven directly from the engine crankshaft. The tandem hydraulic pump delivers 44 gpm (167 lpm) @ 1,750 psi (121 bar) for hammer activation and 16 gpm (61 lpm) @ 1,500 psi (103 bar) for all other functions. The system includes suction strainers, a return in-line filter and oil cooler.

**HAMMER WEIGHT:** 1,356 lbs. (616 kg)

**IMPACT ENERGY (ft-lb):** 13,000 (17680 Nm) Maximum

**HAMMER CYCLES:**

24" (.6 m) Stroke: 42 Per Minute

Full Stroke: 24 Per Minute

**LENGTH OF STROKE:** 1' to 9' (.3 m - 2.7 m) Maximum

**LEAD:**

One-piece lead that lays back hydraulically for traveling/transport.

**MAST TRAVERSE SYSTEM:**

The mast traverse system is a hydraulically controlled chain and sprocket system that allows adjustable placement of the mast on the lead assembly.

The mast traverses on long-life machine-type ways.

**MAST TRAVERSE DISTANCE:**

(from center line of tool) 68-1/2" (174 cm)

**MAST TILT:**

The mast assembly pivots hydraulically, approximately 9 degrees to either side, to provide square controllable blows.

**GAUGES:**

Oil Pressure, Water Temperature, Hour Meter, Fuel, and Ammeter.

**ELECTRICAL SYSTEM:**

12-volt system with (1) one Group 31 - 750 CCA battery and a 65 amp alternator.

**OPERATOR'S AREA:**

Operator's area includes controls for hammer functions (actuation, electronic stroke control, traverse, mast tilt and mast lay-back). Also includes controls for acceleration, braking and transmission. Grip-type access steps provided for access to the seat which is adjustable front to back. Safety switches prevent engine startup if movement function controls are activated.

**SHIPPING WEIGHT (Approximate):** 9,600 lbs. (4,355 kg)

**HEIGHT:**

In working position (overall): 14'-3" (4.3 m)

Traveling position with ROPS (overall): 7'-9" (2.3 m)

**LENGTH:**

In working position (overall): 13'-8" (4.2 m)

In traveling position (overall): 14'-4" (4.4 m)

**TREAD WIDTH:**

Front Wheels: 84-1/2" (2146 mm)

Rear Wheels: 73-1/2" (1867 mm)

**WHEELBASE:** 97" (2464 mm)

**WIDTH (overall):** 88-1/2" (2248 mm)

**MAXIMUM ROAD SPEED:** 20 mph (32 km/h)

08/07/2009

PRODUCTS:

MOBILE HYDRAULIC HAMMERS  
Printed in the U.S.A. 0809

WALK-BEHIND TROWELS

PLATE COMPACTORS

TRUSS SCREED