# Rammers







**Construction Starts Here** 





### Multiquip has built a reputation on manufacturing the hardest-hitting, lowest-maintenance rammers in the business.

High performance and unparalleled reliability have made Multiquip the No.1 choice for rammers in the equipment rental industry and the standard among contractors everywhere.

- Poly fuel tanks eliminate corrosion problems
- Convenient rollers for easy loading
- Electronic ignition and automatic engine decompression for easy starting



"Duck bill" fuel cap allows fuel tank to breathe while preventing fuel leaks or spills.



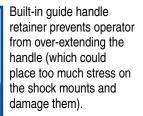


Exclusive four-stage air filtration traps over 99% of engine-damaging airborne dirt and dust particles. Inexpensive to service or replace.

#### shown closed







Note: features shown may vary between models

- Extra heavy-duty shock absorbers and precision balance ensures operator comfort and long unit life
- Rack and pinion throttle lever, mounted in the vertical position for easy use during operation
- Quiet, EPA-approved engine
- Laminated wood and steel shoe absorbs and withstands shock and stress



Diaphragm carburetor allows rammer to be laid down in any position without fuel spillage.

- Improved and strengthened vertical throttle lever—easier to use and more durable.
- Added protection on the bottom and sides of engine—helps prevent damage to components during transportation.



# **Four-Cycle Rammers**

Multiquip's four-cycle rammers are designed for high efficiency with lower exhaust emissions, less noise and better fuel economy than standard two-cycle rammers.

MT74FA 3,150 lbs/blow 11.3 x 13 in. shoe

No need for mixed fuel! The engine is lubricated through the crankcase instead of through the fuel, so no oil is burned in the cylinder, reducing carbon buildup and minimizing gumming problems.

### MT74FA

- Perfect for most compaction needs including cohesive, granular and mixed soils
- Creates extremely stable base under concrete slabs, roads, runways, bridges, decks and loading docks
- Available with 4.5 in. and 6.5 in. narrow foot extensions for trench work
- Use for sub-base, base and backfill compaction

### MT55F

- Ideal for use on small asphalt applications
- Steel plate on shoe bottom wraps around to protect sides of the shoe
- Perfect for low-noise applications
- Ideal for backfill compaction of underground trenches for water, gas, sewer and utility lines
- Accepts narrow foot assemblies



- Lightweight and portable—only 101 lbs
- Convenient handle allows rammer to be carried by one person
- Designed specifically for trench work grease lubrication minimizes body size
- Ideal for landscapers, electrical contractors and plumbing contractors



Lower handle for

easy transportation (selected models

only).



### MT84FA

- Our hardest-hitting gasoline rammer
- The overwhelming choice of contractors and rental store operators
- Standard 13 in. wide shoe
- Built for high-production jobs: trenches, retaining walls and pads



Open exhaust port eliminates carbon buildup and ensures maximum performance.





**Diaphragm carburetor provides** precise fuel measuring and eliminates fuel leakage when rammer is laid on its side.

11.2 x 13.4 in. shoe

# **Optional Foot Assemblies** for Oil-Injected and Four-Cycle rammers



For MT55F 460XA 6.5" W 4.5" W 4.5" W

X = Steel and wood XA = All steel

For MT65H, MT65HA, MT74FA, MT84FA, MT85HS, MT76D, MT86D, MT76D2, MT86D2

6.5" W 4.5" W 4.5" W 6.5" W

Choice of foot assemblies provides exceptional versatility for all types of trench work.

## Diesel Powered Rammers

## Multiquip's diesel-powered rammers are perfect for heavy-duty compaction work—and on job sites where diesel fuel is required.

Multiquip diesel-powered rammers are the ideal solution for job sites with hazardous conditions, such as petrochemical plants and fuel refineries, where gasoline-powered equipment is restricted.



**MT86D2** Up to 4400 lbs./blow 13 x 13.4 in. shoe size



### **MT86D2**

- Operating weight of 203 lbs.
- Multiquip's hardest-hitting rammer
- 13 in. shoe standard
- Low center of gravity allows ease of
- Variable impact force for precise compaction

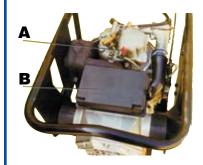
### **MT76D2**

- Operating weight of 176 lbs.
- Uses the same shoe as MT74FA
- Available with 4.5 in, and 6.5 in, narrow foot extensions for trench work
- Integral decompression for easy starts
- Variable impact force for precise compaction

### **MT76D2**

Up to 3550 lbs./blow 11.2 x 13.4 in. shoe size

### **Diesel Engine Features**



- A Rugged Yanmar Tier II approved diesel engine with integral decompression release for easy starting.
- **B** Large, oversized two-stage airfilter system allows long intervals between cleaning.



Reinforced bellows with crosshatch ribbing for extra strength and wide fold space for less wear.

# **Rammer Specifications**

	Four-cycle					Diesel	
MODEL	MTR40F	MT55F	MT65HA	MT74FA	MT84FA	MT76D2	MT86D2
Operating Weight lbs. (kg)	101 (46)	126 (57)	146 (66)	161 (73)	185 (84)	176 (80)	203 (92)
Overall Length in. (mm)	24.5 (623)	26.8 (680)	29.1 (740)	28.3 (720)	28.1 (713)	28.3 (720)	28.3 (720)
Overall Width in. (mm)	13.8 (350)	13.8 (350)	14.6 (370)	16.2 (412)	16.4 (415)	16.1 (410)	16.1 (410)
Overall Height in. (mm)	43.7 (1109)	40.6 (1030)	41.9 (1065)	41.3 (1050)	40.4 (1025)	39.4 (1000)	41.7 (1060)
Shoe Width in. (mm)	5.9 (150)	10.4 (265)	11.2 (285)	11.2 (285)	11.2 (285)	11.2 (285)	13.0 (330)
Shoe Length in. (mm)	10.6 (270)	13.4 (340)	13.4 (340)	13.4 (340)	13.4 (340)	13.4 (340)	13.4 (340)
Shoe Jump Height in. (mm)	2.2 (55)	2.8 (70)	3.0 (80)	2.4 (60)	3.0 (80)	3.0 (80)	2.95 (75)
Impact Force lb. (kg)	1,215 (550)	2,250 (1020)	2,900 (1300)	3,150 (1400)	3,550 (1600)	3,550 (1600)	4,400 (2000)
Blows Per Minute	695	695	695	680	Up to 700*	Up to 700*	Up to 700*
Fuel Tank Capacity qt. (L)	2.1 (2.0)	2.1 (2.0)	2.1 (2.0)	2.6 (2.5)	2.6 (2.5)	3.5 (3.3)	3.5 (3.3)
Engine Make/Model	Robin EH-09	Robin EH-09	Honda GX-100	Robin EH-12-2D	Robin EH-12-2D	Yanmar L48V6	Yanmar L48V6
Engine Power HP (kw)	2.4 (1.8)	2.4 (1.8)	3.0 (2.3)	3.5 (2.6)	3.5 (3.2)	4.5 (3.3)	4.5 (3.3)
Fuel	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Diesel	Diesel
Engine Displacement cu.in. (cc)	5.2 (86)	5.2 (86)	6.0 (98)	7.9 (121)	7.9 (121)	13.3 (219)	13.3 (219)
Engine RPM	4,100	4,100	4,100	3,600	3,700	3,300	3,300
Start Method	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil
Travel Speed ft./min (m/min)	30 (9)	36 (11)	40 (12)	40 (12)	40 (12)	40 (12)	46 (14)
Max. Area Capacity sq. ft./hr (m/hr)	1,453 (135)	1,872 (174)	2,183 (203)	2,183 (203)	2,183 (203)	2,183 (203)	2,714 (252)

\*Variable speed impact — up to maximum impact force. Specifications are in accordance with CIMA-LEMB Standard No. 1.

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