

# Rammers



**Four-cycle and  
diesel-powered models**

**Construction Starts Here**

[www.multiquip.com](http://www.multiquip.com)



# Four-Cycle Rammers *Mikasa*

**Multiquip has built a reputation on manufacturing the most innovative, lowest maintenance and most productive 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.*

- Improved self-cleaning clutch design
- Built-in hourmeter/tachometer
- Unique throttle control
- Advanced Air Filtration System



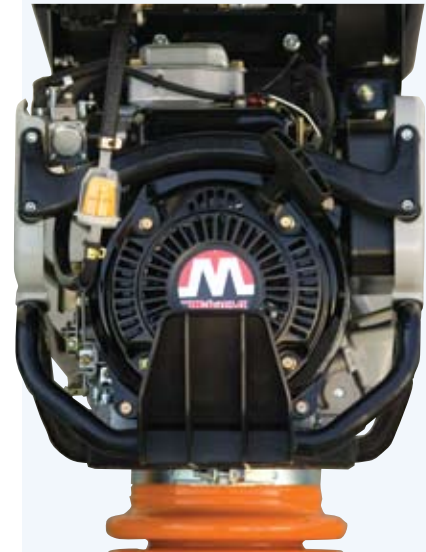
**MTX70**  
3,350 lbs/blow  
11.2 x 13.4 in. shoe  
Honda gas engine



**Fuel Tank and Cap** — New fuel tank is 30% larger and includes a built-in 10-micron filter system. The new fuel cap has a duck bill and breather cap intake feature that allows the unit to be laid on its side without leaking fuel while still allowing the system to breathe.



**New self-cleaning clutch design** prevents material build up and increases life span of clutch while reducing maintenance costs.



**New Recoil Guard** protects the Recoil from impact damage eliminating costly repairs and downtime.

# Once again, Multiquip raises the bar with new Cyclone filtration, on-board hourmeter and much more.



**MTX60**  
3,060 lbs/blow  
10.4 x 13.4 in. shoe  
Honda gas engine



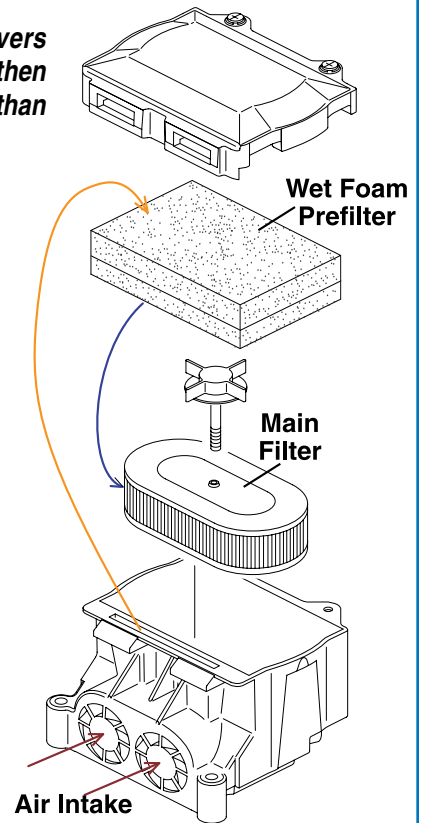
**MTX80**  
3,510 lbs/blow  
11.2 x 13.4 in. shoe  
Robin gas engine



**MTX90**  
3,710 lbs/blow  
11.2 x 13.4 in. shoe  
Robin gas engine

## NEW CYCLONE AIR FILTRATION SYSTEM

Our New Cyclone Filter System delivers triple the amount of clean air to lengthen component life with less maintenance than ever before.



**Throttle** — Single lever controls throttle, start/stop and fuel shut-off functions.

**Hourmeter** — New on-board hourmeter/tachometer. Allows accurate tracking of usage and maintenance intervals.



# Four-Cycle Rammers



# Mikasa

Poly fuel tanks eliminate corrosion problems

Electronic ignition and automatic engine decompression for easy starting

Quiet, EPA-approved engine

Convenient rollers for easy loading

Laminated wood and steel shoe absorbs and withstands shock and stress



MTX-Series rammers feature an advanced anti-vibration handle design that dramatically reduces the amount of vibration felt by the operator, reducing fatigue and increasing productivity.

**Protective Covers** – The new MTX Series Rammers feature heavy duty PVC protective covers and guards.



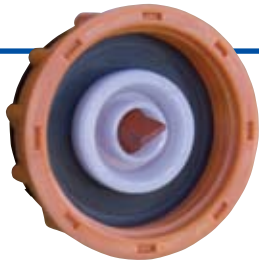
**Diaphragm carburetor** provides precise fuel measuring and eliminates fuel leakage when rammer is laid on its side.



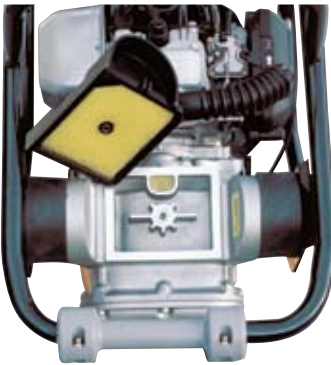
**Open exhaust port** eliminates carbon buildup and ensures maximum performance.

# 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.



"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.



**Lower handle** for easy transportation (selected models only).

**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.



## MTR40F

- 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

## MTR40F

1,215 lbs/blow  
5.9 x 10.6 in. shoe



## 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

## MT55F

2,250 lbs/blow  
10.4 x 13.4 in. shoe



# 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.*

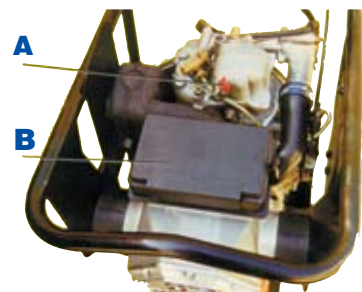


**MT86D2**  
Up to 4400 lbs./blow  
13 x 13.4 in. shoe size

## MT86D2

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

## Diesel Engine Features



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



# Diesel Powered Rammers

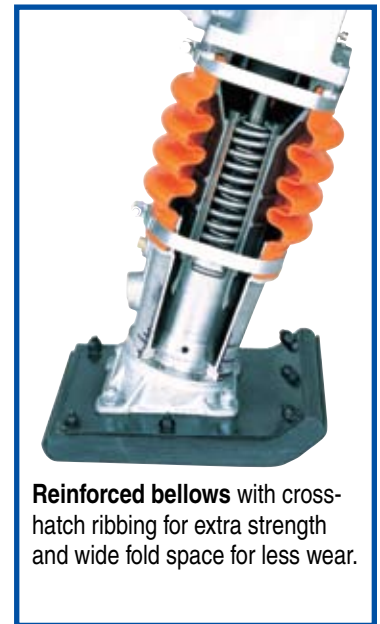


## MT76D2

- 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



360° continuous-clutch shoe coverage allows transfer of more engine power to rammer.



Reinforced bellows with cross-hatch ribbing for extra strength and wide fold space for less wear.

## MT76D2

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



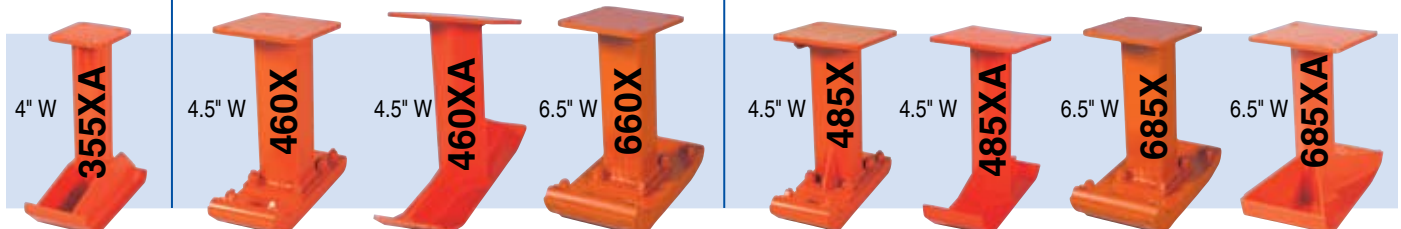
# Optional Foot Assemblies for Oil-Injected and Four-Cycle rammers

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

For MTR40F

For MT55F

For MTX70, MTX80, MTX90, MT76D2, MT86D2



X = Steel and wood; XA = All steel

# Rammer Specifications

| MODEL                           | Four-cycle Gasoline Powered |                 |                  |                 |                 |                 | Diesel Powered  |                 |
|---------------------------------|-----------------------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                 | MTR40F                      | MT55F           | MTX60            | MTX70           | MTX80           | MTX90           | MT76D2          | MT86D2          |
| Impact Force lb. (kg)           | 1,215<br>(550)              | 2,250<br>(1430) | 3,060<br>(1,388) | 3,350<br>(1520) | 3,510<br>(1592) | 3,710<br>(1683) | 3,550<br>(1600) | 4,400<br>(2000) |
| Shoe Jump Height in. (mm)       | 2.2 (55)                    | 2.8 (70)        | 3.1 (80)         | 3.1 (80)        | 3.1 (80)        | 3.1 (80)        | 3.0 (80)        | 2.95 (75)       |
| Blows Per Minute                | 695                         | 695             | Up to 695*       | Up to 690*      | Up to 678*      | Up to 696*      | Up to 700*      | Up to 700*      |
| Travel Speed ft./min (m/min)    | 30 (9)                      | 36 (11)         | 55.8 (17)        | 55.8 (17)       | 49.2 (15)       | 45.9 (14)       | 40 (12)         | 46 (14)         |
| Engine Make/Model               | Robin<br>EH09               | Robin<br>EH09   | Honda<br>GX100   | Honda<br>GX100  | Robin<br>EH122D | Robin<br>EH122D | Yanmar<br>L48V6 | Yanmar<br>L48V6 |
| Engine Power HP (kw)*           | 2.4 (1.8)                   | 2.4 (1.8)       | 2.8 (2.1)        | 2.8 (2.1)       | 3.5 (2.6)       | 3.5 (2.6)       | 4.5 (3.3)       | 4.5 (3.3)       |
| Engine Displacement cu.in. (cc) | 5.2 (86)                    | 5.2 (86)        | 6 (98)           | 6 (98)          | 7.2 (121)       | 7.4 (121)       | 13.3 (219)      | 13.3 (219)      |
| Engine RPM                      | 4,100                       | 4,100           | 4,100            | 4,100           | 3,600           | 3,700           | 3,300           | 3,300           |
| Fuel Tank Capacity qt. (L)      | 2.1 (2)                     | 2.1 (2)         | 2.1(2)           | 3.2 (3)         | 3.2 (3)         | 3.2 (3)         | 3.5 (3.3)       | 3.5 (3.3)       |
| Start Method                    | Recoil                      | Recoil          | Recoil           | Recoil          | Recoil          | Recoil          | Recoil          | Recoil          |
| Overall Length in. (mm)         | 24.5 (623)                  | 26.8 (680)      | 28.1 (713)       | 31.0 (788)      | 31.0 (788)      | 31.0 (788)      | 28.3 (720)      | 28.3 (720)      |
| Overall Width in. (mm)          | 13.8 (350)                  | 13.8 (350)      | 13.8 (350)       | 13.8 (350)      | 14.4 (365)      | 14.4 (365)      | 16.1 (410)      | 16.1 (410)      |
| Overall Height in. (mm)         | 43.7<br>(1109)              | 40.6<br>(1030)  | 38.8<br>(985)    | 39.4<br>(1000)  | 39.4<br>(1000)  | 39.4<br>(1000)  | 39.4<br>(1000)  | 41.7<br>(1060)  |
| Shoe Width in. (mm)             | 5.9 (150)                   | 10.4 (265)      | 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)      | 13.4 (340)      |
| Operating Weight lbs. (kg)      | 101 (46)                    | 126 (57)        | 141 (64)         | 165 (75)        | 183 (83)        | 196 (89)        | 176 (80)        | 203 (92)        |

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\* Engine power ratings are calculated by the individual engine manufacturer and the rating method may vary among engine manufacturers. Multiquip Inc. and its subsidiary companies makes no claim, representation or warranty as to the power rating of the engine on this equipment and disclaims any responsibility or liability of any kind whatsoever with respect to the accuracy of the engine power rating. Users are advised to consult the engine manufacturer's owners manual and its website for specific information regarding the engine power rating.

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

**Your Multiquip dealer is:**

All features and specifications are subject to change without notice.  
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**MULTIQUIP INC.**  
POST OFFICE BOX 6254  
CARSON, CA 90749  
310-537-3700 • 800-421-1244  
FAX: 310-537-3927  
E-MAIL: [mq@multiquip.com](mailto:mq@multiquip.com)  
[www.multiquip.com](http://www.multiquip.com)