



MEKWEL M600W

MINI TRACK LOADER

Product Manual

MAKE EASY WORK OUT OF HARD JOBS



QUALITY. CAPABILITY. COMMITMENT.

MEKWEL Loaders' striking appearance may turn heads, but what truly sets us apart is our commitment to exceptional support, intuitive controls, and unmatched value. MEKWEL Loaders is led by a team of industry professionals with decades of experience in manufacturing and dealership ownership. Our forward-thinking approach gives MEKWEL Loaders a competitive edge for a superior overall experience.

We understand our customers rely on our equipment to get the job done. That's why we meticulously design and engineer our loaders to work hard, day after day, to maximize uptime and efficiency. Once you use a MEKWEL Loader, you'll feel the difference.



WHY MEKWEL LOADERS?



THE MEKWEL PHILOSOPHY

1

Our mission is to establish a leading manufacturing brand recognized for delivering high-quality products with premium features, supported by outstanding customer service and warranties, all offered at an extraordinary value.

2

OUR COMMITMENT TO QUALITY

As a detail-oriented, product-first company, we ensure that our products undergo rigorous inspections at multiple stages before they reach the servicing dealer.

3

OUR COMMITMENT TO YOU

We are committed to providing prompt product and support through our multiple distribution centers across the Europe.

4

LOCAL SERVICE

MEKWEL Loaders service and support are available through our network of servicing dealers. If you don't have a dealer nearby, simply reach out to us, and we'll ensure you receive the assistance you need.

5

UNMATCHED VALUE

Our loaders offer the best value per pound, combining cost-effectiveness with exceptional efficiency. When it comes to getting the most for your Euro, nothing compares to the value our loaders provide.

6

OPEN SOURCE PARTS

We design our loaders to utilize readily available parts sourced from globally recognized manufacturers, with a strong European presence, known for their exceptional quality in the skid steer and construction sectors. This strategy ensures easy access to parts and contributes to cost reduction, enabling us to offer competitive pricing and pass on the savings to our valued customers.

MEKWEL M600W INTRODUCTION



QUICK SPECS

Weight	1510kg
Power	24HP Yanmar
Rated Capacity	600kg
Bucket	49" Standard

The Mekwel M600W is the perfect platform to run attachments you need to complete tough tasks. With a narrow 41" footprint, powerful diesel engine and impressive operating capacity, the M600W is your new favorite workhorse.

Rest easy knowing your MEKWEL Loader Warranty gives you 2 year engine coverage and 1 year loader parts and labor.



MANUFACTURING PARTNERS



Yanmar Engines

Manufactured in Japan and with a European headquarters in Almere, the Netherlands, are renowned for their reliability, fuel efficiency, and innovative design, making them a top choice for various industrial, construction and marine applications.



Walvoil

Manufactured in Italy and with a European headquarters in France, is known for its high-quality hydraulic components and systems, providing reliable and innovative solutions for a wide range of industrial applications.



Bondioli & Pavesi

manufactured in Italy is an industry leader in construction, renowned for its advanced power transmission systems and hydraulic solutions that deliver high performance and reliability across various industrial applications.



Donaldson

Headquartered in Bloomington, MN, is a global leader in filtration technology, known for its innovative and reliable solutions that enhance equipment performance and efficiency across various industries.



Sumitomo Riko

headquartered in Japan with a Sumitomo Riko Group in Europe, is renowned for its advanced polymer products, hydraulic lines, and vibration control technologies, providing innovative solutions for automotive and industrial applications worldwide.

FEATURES, BENEFITS



HEAVY-DUTY STEEL FRAME

MEKWEL Loader frames are one-piece, 100% welded steel units made using up to 1/2" steel. This near 454kg frame is meant to take years of abuse day in, day out.



AUXILIARY HYDRAULIC HOOKUPS

Two sets of quick coupler auxiliary hookups, including a set with reversible constant spool return, allow attachments with extra features to maximize the capabilities of the M600W.



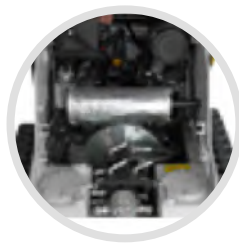
MINIMAL GROUND DISTURBANCE TRACKS

Our 8 inch wide rubber tracks provide the perfect drive system for close quarter, tight area work as they cause minimal ground disturbance on all terrains.



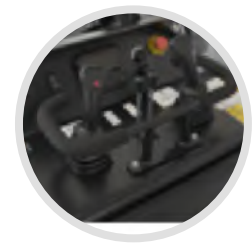
OPERATOR COMFORT

Our rubber-isolated suspension operator platform with rubber mat offers great comfort and traction. The front and side operator pads add additional comfort and safety during operation.



EASE OF ACCESS

Our chassis design and component layout provides uninhibited access to all engine and hydraulic service areas, making maintenance and repairs quick and easy.



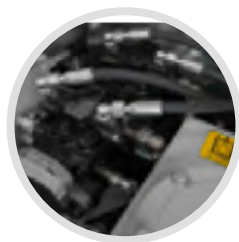
INTUITIVE JOYSTICK CONTROLS

Operation is effortless with our ergonomic and intuitive joystick controls. One joystick control steers and drives the loader while the other operates the bucket or attachment.



BUCKET FLOAT

Simpler operating and grading improves efficiency



HIGHEST QUALITY PUMPS

Two Bondioli Pavesi piston pumps powers each track and Bondioli Pavesi gear pump powers the lifting arm cylinders and attachments.



HIGH-MOUNTED TRACK SPROCKET

High-mounted track sprocket improves longevity as it's higher mounting position is subjected to less wear and tear and helps distribute weight more evenly across the track.

MEKWEL ATTACHMENTS



Tackle every job that comes your way with our large assortment of attachments. From moving dirt, to trenching, to drilling – you can tackle the toughest jobs with MEKWEL Loaders. Our attachments are made in Europe using only the highest quality parts and material.



48" SMOOTH BUCKET-15"BACK



48"TOOTH BUCKET-15" BACK



44" ROCK BUCKET



54"and 61" SNOW-N-LITTER BUCKET



44" 4 IN 1 BUCKET



STUMP BUCKET



LAND LEVELER



44" ROCK GRAPPLE BUCKET



44" ROOT GRAPPLE BUCKET



44" ROTARY TILLER



44" BRUSH CUTTER



44" RIPPER



AUGER (HEX)



AUGER BITS - UP TO 36'



36" DEEP TRENCHER W/6" COMBO CHAIN



60" BOOM POLE



36" and 42" PALLET FORKS



40" TREE SPADE



GENERAL SPECS



Hydraulics

Drive pump Type:	Two closed circuit axial piston pumps.
Auxiliary Pump Type:	Gear pump.
Cooling:	Split radiator with hydraulic oil cooler.
Travel Direction & Speed:	Controlled by a singular pilot-operated joystick.
Arm Lift & Tilt:	Controlled by a single pilot-operated joystick.
Auxiliary Control Valve:	2-Spool, open center series parallel configuration.
Auxiliary Flow:	11.5 GPM.
Hydraulic Filter:	Replaceable 10-micron filtration.
System Relief:	Auxiliary pump relief: 2900 psi (200 bar) Ground drive pump relief: 3045 psi (210 bar).
Main Drive:	Right Hydraulic Motor drives right side track Left Hydraulic Motor drives left side track.
Transmission:	Direct drive of hydraulic motor to main undercarriage drive sprocket.
Bucket Float:	Controlled by single-pilot operated joystick.
Hose Quick Couplers:	2 Sets of Quick Couplers.



Dimensions

Angle of Departure:	28°
Dump Angle @Maximum Height:	52°
Dump Reach @Maximum Height:	19.4 in
Ground Clearance:	6.5 in
Ground Clearance (Under Platform):	11.5 in
Height to Bucket Hinge Pin:	76.3 in
Auxiliary Flow:	11.5 GPM
Height:	54.9 in
Length without Attachment:	75.7 in
Length with Standard Bucket:	101.7 in
Operating Height:	89.4 in
Rollback @Carry Position:	40°
Rollback Fully Raised at Maximum Height:	40°
Ground Contact Length:	41.5 in
Width with Standard 49" Bucket:	49.2 in

Turning Radius with Standard 49" Bucket: 64 in

Machine Width: 40.9 in

Engine

Make/Model: Yanmar 24HP 3TNV80F diesel engine.

Number of Cylinders: 3

Displacement: 1.266 L (77.2 in³)

Fuel Consumption: 1.55 gph

Performance & Capacities

Rated Operating Capacity (ROC): 600kg

Max. Travel Speed: 3.5 mph (with high torque drive motors)

Machine Weight with Bucket: 1510kg

Fuel Tank: 9 gal

Hydraulic System: 11.9 gal