

HW INDUSTRIES

MANUFACTURERS OF QUALITY EQUIPMENT

EARTH MOVING & LEVELLING SCRAPERS



HW MAXI

www.hwindustries.com

ABOUT HW INDUSTRIES



HW Industries has been setting the standard in earthmoving equipment for over 65 years. Originally established in 1958 to service the local Waikato farming industry, we now serve both NZ and AU markets.

We manufacture high-quality equipment that can be customized to meet your specific needs. HW Industries' products streamline business operations, reducing the reliance on additional machinery and personnel, saving you time and money. Our equipment, manufactured in NZ, comes with comprehensive parts, backup, and service support.

We have extensive experience manufacturing earthmoving machines, including the Maxi range of earthmoving and levelling scrapers. With numerous design features and high quality material, HW Maxi is the preferred choice for all earthmoving needs. All working parts of our equipment are covered by a full 24-month warranty (excluding wear and tear).

www.hwindustries.com

Contact us today:

Email sales@hwmaxi.com Ph +64 7 823 4418

NZ Freephone 0800 72 66 77 AU Freephone 1800 68 34 30



@hwmaxi



@hwindustries



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EARTHMOVING SCRAPERS

HW Maxi earthmoving scrapers are renowned for their exceptional quality, robust construction, and a variety of sizes, meeting diverse earthmoving needs with reliability and efficiency.

EARTHMOVING MODELS

	HP* APPROX	Full Load	Standard Cutting Width	Machine Width	Machine Height	Machine Length	Machine Weight	Tyres	Hydro Banks Require	Rams	Hitch Styles
MAXI M300 N	60/80	2.5m ³	1.8m	1.8m	1.1m	5m	1500kg	11.5/80-15.3	2-3 sets	3	Linkage arm
MAXI M300	75/90	3m ³	1.8m	2m	1.1m	5.2m	1800kg	11.5/80-15.3	2-3	3	Linkage arm
MAXI M400	90/120	4m ³	1.8m	2m	1.4m	5.2m	2000kg	11.5/80-15.3	3	3	Linkage arm
MAXI M500	120/150	5m ³	2.2m	2.4m	1.4m	5.4m	2500kg	400/60-15.5	3	3	Linkage arm
MAXI M600	140/180	6m ³	2.4m	2.65m	1.5m	5.9m	3000kg	385/65-22.5	3	3	Linkage arm
MAXI M800	180/250	8m ³	2.4m	2.65m	1.8m	5.9m	3500kg	550/60-22.5	3	3	Linkage arm
MAXI M1000	250/350	10m ³	2.7m	3m	1.8m	7m	5000kg	650/55-26.5	3	3	Linkage arm
MAXI M1200	350/400	12m ³	3.3m	3.6m	1.8m	7.5m	6000kg	750/50-26.5	3	3	Linkage arm
MAXI D4000	90/120	4m ³	1.8m	2m	1.6m	5.2m	2400kg	11.5/80-15.3	3-4	6	Fixed Drawbar
MAXI D5000	120/150	5m ³	2.25m	2.4m	1.7m	5.7m	2900kg	400/60-15.3	3-4	6	Fixed Drawbar
MAXI D6000	150/200	6m ³	2.4m	2.7m	1.7m	6.3m	3500kg	550/60-22.5	3-4	6	Fixed Drawbar
MAXI D8000	200/280	8m ³	2.4m	2.7m	1.8m	6.3m	4000kg	550/60-22.5	3-4	6	Fixed Drawbar
MAXI D10000	280/320	10m ³	2.75m	3.1m	1.8m	7m	5000kg	650/55-26.5	3-4	6	Fixed Drawbar
MAXI D12000	300/350	12m ³	2.75m	3.1m	1.8m	7.5m	7500kg	650/55-26.5	3-4	6	Fixed Drawbar
MAXI D12000+	350/400	12m ³	3.3m	3.6m	1.9m	7.5m	6500kg	750/50-26.5	3-4	6	Fixed Drawbar
MAXI TRD5000	150/180	5m ³	2.25m	2.4m	1.7m	5.7m	2900kg	400/60-15.3	3-4	6	Fixed Drawbar
MAXI TRD6000	180/220	6m ³	2.4m	2.7m	1.9m	6.3m	3500kg	550/60-22.5	3-4	6	Fixed Drawbar
MAXI TRD8000	200/250	8m ³	2.4m	2.7m	2m	6.3m	4000kg	550/60-22.5	3-4	6	Fixed Drawbar



LINKAGE SCRAPER

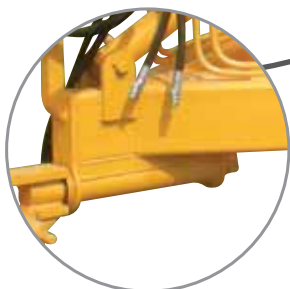
HYDRAULIC CONTROLS

The scraper can be fully operated from the comfort of your tractor cabin. Simply attach the hydraulic hoses and get straight to work.



EASY TO ATTACH TO YOUR TRACTORS

The plough arm connection has a swivel that allows you to connect to your plough arm with minimal effort. It also allows for sharp turning angles and tricky manoeuvring.



HEAVY DUTY FRAME AND EXTRA HEAVY SWIVEL GUSSETS

Makes the scraper strong, giving you many years of trouble-free use.



SLOTS

These allow you to see how full the scraper is even with the apron open. This way you can see your load filling with ease.



➤ A M800 being towed behind a 200 hp tractor to contour and create a sub-division.



➤ A M300N scraper being used to shift dirt down an narrow orchard lane.



LARGE STEPPED CUTTING EDGE
 Allows you to capture soil evenly. As the size of your scraper increases, so does the size of your cutting edge, allowing you to fill your scraper more easily and effectively.



WIDE RIMMED TYRES
 These tyres allow you to travel on uneven ground steadily and prevent you from damaging existing pasture. They are excellent for gripping hillsides while cutting tracks.

“ **LINKAGE SCRAPERS**
 The plough arm models are the most popular for their ease of use, simply hooked up to the linkage arms and controlled through the draft control in the tractor. They are easy to adjust the size of the cut and spread. The unique design makes it a very robust unit with very few moving parts. The plough arm models require very little experience to operate and have proved themselves to be a time saving and cost efficient machine.



DRAWBAR SCRAPER



RAM GUARD

The ram guard protects the rams from soil damage, minimizing wear and tear.



FLOTATION TYRES

With a firm tractor grip, the tyres are wider to sit on top of the ground when the soil is soft and also help handle the heavy work.



FLEXIBLE HOSE HYDRAULIC LINES

The strong flexible hydraulic hosing is strong enough to handle the most rigorous tasks and won't rust out.



BOLT ON CUTTING EDGES AND BLADES

These are all made from a 500 grade wear alloy minimising wear and maximising cutting capability. This comes standard on all models and helps you to get a full load with ease using less horse power. (Other blade options available).



OPTIONAL EXTRA WIDE CUTTER BLADES

Bolted on cutter blades available to cover more



LAZER BRACKETS
Lazer brackets can be fitted to suit the application.



DOWN PRESSURE RAMS
Excellent for putting pressure down on the cutting edge allowing you to easily cut into hard clay.



SAFETY CHAIN
Safety chain loops are included to secure a safety chain, ensuring your scraper is safe for towing on the road.



➤ A D8000 leveling the ground of a construction site.



➤ A D10000 being towed by a 300hp tractor to spread soil over a paddock contour.

“ ”

DRAWBAR SCRAPERS

The draw bar model connects to the fixed tow hitch in the centre of the tractor, the depth and height is controlled by the lift rams on the scraper. You can have GPS/laser control fitted if desired. All draw bar models can also be fitted with optional extras like brakes, rippers, lights etc.



TR SCRAPER

HIGH LIFT RAMS

These help the Scraper get its ground clearance for the TR Shute to operate.

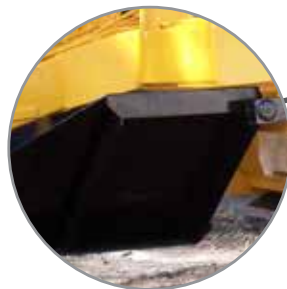


HYDRAULIC RAM

Chute raised and lowered by a hydraulic ram and can be controlled from the cab.

REMOVABLE CHUTE

Chute is removable so Scraper can be used in its normal operation.



ADJUSTABLE EXIT SLIDE PLATE

Amount of product being released by the chute can be easily adjusted to suit the size of the rut or trench.





GROUND CLEARANCE
High ground clearance for the chute to slide under. An advantage for rough terrain.



☛ The TR Scraper models are made so they can drive over all wire or electric fences.



☛ Filling irrigator ruts with dirt using a TR Scraper.

“ ”

TR SCRAPERS

These are ideal machines to fill ruts in centre pivot tracks. The TR Scrapers are designed to load yourself and drive from paddock to paddock over the electric fences to give you a continuous run.



MAXI RIPPER

OPTIONAL EXTRA

FRONT MOUNTED

The rippers are mounted on the front of the scraper for good visibility of the depth you want the rippers to operate at.



REMOVABLE & RETROFITTABLE

The ripper can be left on the scraper and used whenever needed. Alternatively, you can detach it by simply removing the three pins that attach the unit to the scraper, and it is retrofittable for future use.

BUILT STRONG

To handle those difficult patches and make earthmoving jobs so much easier. Use on hard, wet or sticky soil to help break it up.



➤ DEPTH ADJUSTABLE



SAVE TIME

Save money and make jobs easier. Have one operator doing three or more jobs with one machine, using less horse power and saving time.



➤ CORRECT ANGLE



➤ GOOD VISIBILITY

PREPARE THE GROUND

You can set the rippers to the cutting blade depth if you wish to leave a smooth, sealed surface behind you in case it rains soon after the job. This helps to keep the rain from soaking into the soil and lets you get back into action quicker. You could also put the ripper down deep to leave a rough surface for the topsoil to bed into when reinstated.

OPTIONAL EXTRAS



LAZER & GPS SYSTEMS

Equip your scraper with laser or GPS to ensure you create those levels with ease.



➤ A laser being used on this D8000 to level out a subdivision site.

COLOUR OPTIONS

A unique colour makes your equipment stand out on the job site.



TAIL LIGHTS

Tail lights are recommended for taking your scraper along the road.



➤ A drawbar scraper fitted with tail lights for increased safety at night.

BLADE SIDE CUTTERS

Bottom wings to increase cutting and spreading width.



➤ Side cutters are being used on this D12000 to increase efficiency.

SEQUENCE VALVE

You can double up the hydraulic functions to reduce the amount of services needed.



➤ This D8000 scraper has been fitted with a sequence valve.

□ TAILGATE EXTENSION

The tailgate extension helps to hold the dirt in the bowl and prevents spillage.



☛ A tailgate extension is being used to stop dirt spilling on this job.



□ HEAVY DUTY DRAWBAR

Drawbar options tailored to fit your tractor, enhancing turning circles and maneuverability.



☛ A heavy duty drawbar is being used on this D10000.

□ BRAKES

Having separate brakes on your scrapers can be very useful when you need to slow down with a full load or when working on steep terrain.



☛ Brakes can simplify the process and make towing heavy loads more efficient.

□ PUSH BAR

A push bar can be installed to protect against tyre damage from any push loading machinery.



☛ This scraper has a push bar attachment installed.

□ PUSH ROLLER

Push rollers can be attached to allow easy push loading by other machinery.



☛ This machine has a push roller attached for extended wear and increased efficiency on the job.





EARTHMOVING GALLERY














BX LEVELLING SCRAPERS

HW Maxi BX Leveling Scrapers are renowned for their high performance, durability, and versatile sizes, ranging from 1.8m (6ft) to 4.2m (14ft) in width. Designed for various applications, they require minimal horsepower, only 10hp per foot of width, ensuring efficient operation for diverse needs.



BX MODELS

	Recommended Horsepower	Standard Cutting Width	Machine Width	Machine Height	Machine Length	Tyres
	60hp	1.8m	1.8m	1.1m	5.2m	11.5/80-15.3
	70hp	2.1m	2.1m	1.1m	5.2m	11.5/80-15.3
	80hp	2.4m	2.4m	1.1m	5.2m	11.5/80-15.3
	90hp	2.7m	2.7m	1.1m	5.2m	400/60-15.5
	100hp	3.0m	3.0m	1.1m	5.2m	400/60-15.5
	110+hp	3.3m	3.3m	1.1m	5.3m	500/50-17
	120hp	3.6m	3.6m	1.2m	5.3m	550/60-22.5
	130hp	3.9m	3.9m	1.2m	5.3m	550/60-22.5
	140hp	4.2m	4.2m	1.2m	5.3m	550/60-22.5

OPTIONAL EXTRAS FOR YOUR BX SCRAPER (Refer to pg 21)

Rippers

Walking Beam/Tandem Rocker Axle



BX SCRAPER



LASER PLATFORMS
Pole receiver platforms to bolt your receiving masts to.

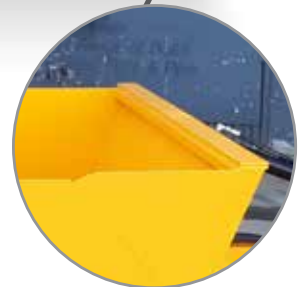
WHEEL OPTIONS
Wheel size and rocker beams to suit all applications.



DOUBLE TILT
Axle tilt for side grade cutting and contouring.



ADJUSTABLE SIDE CUTTERS
Adjustable side cutters that can be interchanged from side to side to fit the specific job requirements.

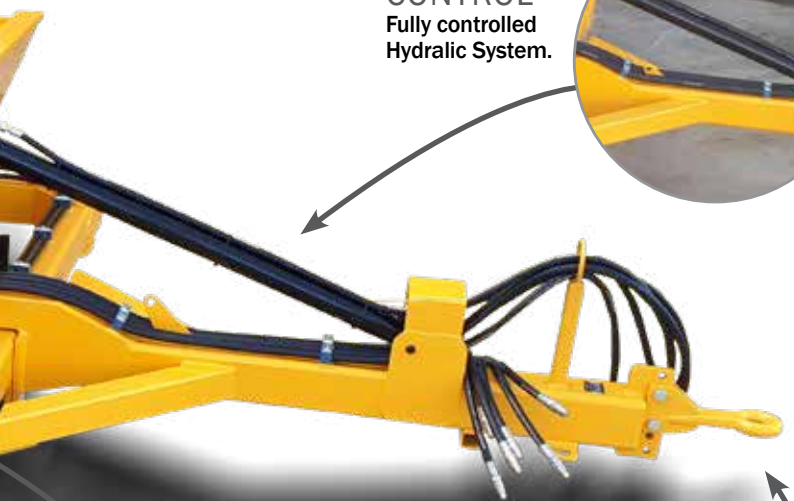


FRONT APRON
Full control of apron to hold the load.





HYDRAULIC CONTROL
Fully controlled Hydraulic System.



MAIN CUTTER BLADE AND SIDE CUTTERS

Adjustable and reversible side cutters for longer wear and double cutting edge on the main blade.



TOW EYE
Adjustable height to suit the tractor.



☛ A BX900 with a fully kitted hydraulic system and walking beam attachment.



☛ BX900 working to form a loading bank.

BX SCRAPERS

The BX model scrapers are a fantastic unit when you have material to shift and level to grade. You can carry loads without losing the fine material that you need to bind it together. Can be top loaded very easily.



BX FEATURES

□ FRONT APRON

With the BX Scrapers front apron, this machine allows you to cut, carry and level soil using a single earthmoving scraper.



Being able to carry the load rather than dragging it you save wear and tear on the tractor/scraper and use a lot less fuel.



The unique apron operation allows you to clamshell the load of materials and pushes it into the bowl.

□ CROSS LEVELLING

The cross levelling/ tilt axle is fitted to give the operator total control over the cutting and levelling action and can be used in the forming of road camber, vee drains, broadacre land levelling.



The hydraulic system is designed to you can lift the box higher or lower allowing you to work on any elevation.



The unique design enables you to tilt the machine from side to side, allowing for beveled edges to be easily achieved.



□ LASER

The BX range is equipped with laser pole brackets designed for the receiver poles to be securely bolted into place. Additionally, control valves can be customized and fitted to meet the specific requirements of the customer.



➤ This BX70 has a laser control system installed for increased efficiency.



➤ The control valves allow extra control and can be customized to suit.



□ FLOATATION TYRES

With a range of tyres that can be fitted to the BX models we have a tyre that suits your conditions.



➤ Different tyre treads are available to match your specific conditions.



Tyre Profiles



BX OPTIONAL EXTRAS

❑ WALKING BEAM / TANDEM ROCKER AXLE

The axle walking beam configuration makes the BX scraper a superb, high speed landleveller allowing the operator to travel at faster speeds and pulls through soft ground easier with less ground pressure.

With the RTRA axle configurations we have created the added advantage to needing less h/p to pull the scraper, less tyre damage when turning, reduces bounce that can occur at higher speeds.



☛ The far scraper has the walking beam feature installed which will increase efficiency when working.



❑ RIPPER ATTACHMENT

Rippers can be fitted to the front of the BX range to compliment the levelling process giving the operator complete control of the earthmoving project.



☛ The ability to detach and reattach these rippers as needed provides greater value for your investment in the machine.



☛ Rippers are generally front mounted which allow you to prepare the ground and increase scraper efficiency.



☛ The ability to detach and reattach these rippers as needed provides greater value for your investment in the machine.



BX GALLERY



CASE STUDIES

□ EARTHMOVING SCRAPERS

DRIVEWAY

A retired farmer used a M300 to load, transport, and spread large quantities of dirt while building his new house pad, eventually leveling the soil to create a 700m long driveway. The entire process took 5 days from start to finish.



☛ A M300 moving at least the same amount of dirt per hour as a bull dozer and four-wheeled 9m³ scraper.

RACEWAY

A D6000 and a D8000 were top-loaded with screened topsoil and made 2 km round trips to spread a 50mm layer on a horse race track. Together, the two machines moved and spread over 500m³ in just 2.5 hours.



☛ This was the quickest way that this job has been done, it was a great success!

FARM RACE

The raceway was cut and shaped using a TRD8000, which stripped the topsoil and formed the subsoil to create the cambers and V-drains for the driveway. Sand was also excavated from the site and spread as a base course for the drive.



☛ The scrapers have proved their worth on bulk shifting and fine finishing work.

OXIDATION POND

A M600 Scraper, towed behind a FIAT G 170, was used to near completion of an oxidation pond in Taranaki. Despite the pond being over 2m deep, it was finished in just 4.5 hours with the help of a M600!



☛ Farmers can save huge amounts of money getting work done using a scraper rather than using any other method.

RIVER BED REDIRECTION

A contractor efficiently redirected a riverbed and utilized an HW Maxi M600 Scraper to transport rocks from the river to a crusher. After crushing, the rocks were reloaded into the scraper and spread onto cow lanes. To complete the job, the contractor pulled a HW Maxi tip trailer behind the scraper, tipped the load onto the lanes, and used the scraper to level and finish the surface.

Outcome:

- **Efficient Completion:** The M600 Scraper and tip trailer enabled swift and effective transport, spreading, and finishing of materials.

- **High-Quality Results:** The cow lanes were constructed with precision, ensuring durability and long-term functionality.

- **Timely Execution:** The project was finished within the expected timeframe, showcasing both the efficiency of the equipment and the contractor's expertise.



☛ This is an example of the extremely rough conditions our scrapers are designed to withstand, particularly during challenging tasks like riverbed redirection.



□ BX SCRAPERS

WAIKATO SALAD PRODUCERS

A leading New Zealand produce supplier, required a solution to level their 400 acres of growing paddocks. To address challenges with uneven ground and ensure proper drainage, they adopted the BX1000 scraper. The BX1000, renowned for its heavy-duty performance and precision, proved to be the ultimate solution for their needs.

Outcome:

- **Uniform Ground Leveling:** The BX1000 effectively leveled the paddocks, providing a smooth surface for tractor operations and ensuring consistent soil preparation.

- **Optimal Drainage:** The scraper's precision has enhanced drainage across the paddocks, preventing waterlogging and improving crop health.

- **Increased Efficiency:** The BX1000 streamlined the leveling process, reducing labour costs and boosting overall productivity by enabling faster and more effective soil management.

Since implementing the BX1000, the grower has seen remarkable improvements in their paddock management. The scraper's ability to create a level surface and perfect drainage has not only reduced labour costs but also enhanced operational efficiency and crop yield.



☛ Using the BX1000 was the fastest method for completing this job, and it proved to be a great success!



FARMERS' NEEDS COVERED

Farmers' needs are fully covered with these versatile machines. From cutting and leveling paddock contours to spreading gravel around troughs and building up wet areas, these levelling scrapers can handle it all. They're ideal for draining swampy fields, cleaning out animal barns, and clearing paddocks of stones and rocks, ensuring a well-maintained and productive farm.



☛ It's very important that you have full control over where and how you platem.

DRIVEWAY FORMATION

The angle tilt axle allows you to control the finished contour of the driveway, with easy angle adjustments from the tractor seat. For even greater precision, the BX scraper can be equipped with laser control for a more accurate finish.



☛ An example of the bevelled driveway that our scrapers have to work in.

TESTIMONIALS

"I have a M300 scraper that i use for contouring farmland. It's easy to use, low maintenance and a very handy piece of machinery to have around. It's the quickest way of moving fill or dirt over any distance. It's really robust too."

DRYSTOCK FARMER

"Multipurpose machine that is very easy to use."

PROPERTY DEVELOPER

"The whole job on the race track was level and ready to power harrow in the quickest time frame allowed."

JOCKEY CLUB TRACK MANAGER

"I'm very happy to be able to work under extreme conditions and very happy with the quick loading and despatching time of the scraper. It has proved to outclass all its competitors."

SOUTHLAND FARMER

"The ripper attachment makes an excellent machine perform even better."

EARTHMOVING CONTRACTOR

"The tilt axle makes our scraper much more versatile especially when forming or clearing water tables on roads and races. Tailgate ejection gives far greater control of fill depth than with over tipping bowl types of scrapers."

EARTHMOVING & DRAINAGE CONTRACTOR

"My scraper has already paid for itself doing major repair work from recent storm damage to making an airstrip."

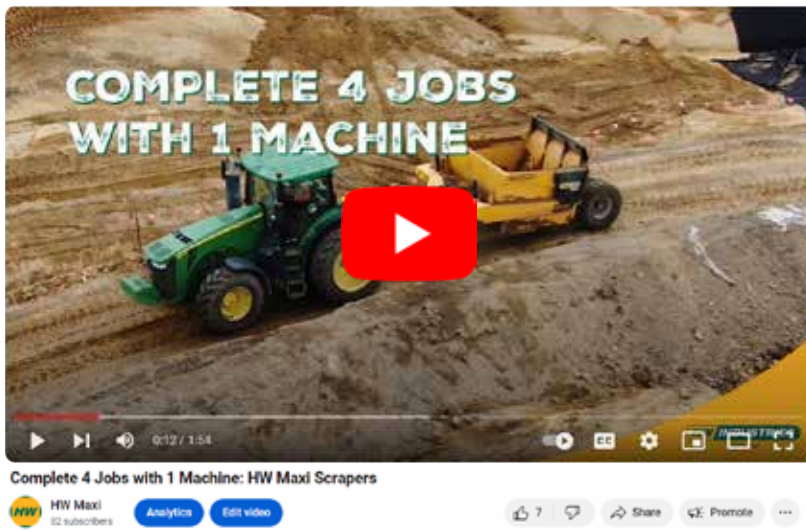
HILL COUNTRY FARMER

"I can move massive amounts of soil in very short time frames! Faster than diggers, trucks or bulldozers. I used it for stockpiling in a sand quarry."

QUARRY OWNER & OPERATOR



WATCH SCRAPERS IN ACTION...



Scan to
watch





Watch our videos



OUR WARRANTY

To ensure you have complete satisfaction and the assurance of the reliability of this superior product, we have a warranty to offer you.

We are so confident in our Scrapers and the quality level they maintain that we will give you a 24 month warranty on all our Scrapers (except wear and tear*) our pledge is if anything fails or is faulty call 0800 72 66 77 (NZ) or 1800 68 34 30 (AU), present your warranty card and we will be pleased to help in any way we can.*excluding cutting blades/tyres.



www.hwindustries.com

Contact us today:

Email sales@hwmaxi.com Ph +64 7 823 4418

NZ Freephone 0800 72 66 77 AU Freephone 1800 68 34 30



@hwmaxi



@hwindustries