

AUSTRALIAN MANUFACTURER
OF EARTHMOVING ATTACHMENTS

EARTHMOVING ATTACHMENTS
BACKED BY 35 YEARS EXPERIENCE



MOVING the earth for you™

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OPTIONAL BOLT-ON
REVERSIBLE
CUTTING EDGE



TEETH OPTIONS
AVAILABLE



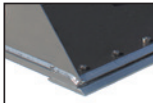
4-IN-1 BUCKETS

Australian manufactured Norm Engineering 4-in-1 buckets are designed for strength and durability. The 4-in-1 bucket consists of a dozer to level, clear & backfill, serrated edges on the jaws allow stronger grip when clamping logs and rocks, and a bucket ideal for scooping, lifting, carrying and dumping material.

An extra heavy-duty flat floor is used to give additional strength to the bucket.



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4-IN-1 LOADER BUCKETS

Norm Engineering 4-in-1 loader style buckets are heavy duty buckets designed to withstand tough environments and conditions.

The loader style buckets are designed for larger machines with a higher horsepower, and the bucket capacity is larger than the standard 4in1 bucket.

High visibility is maintained through mesh windows.



TILTING 4-IN-1 BUCKETS

Norm Engineering 4-in-1 tilting buckets utilizes our industry leading 4-in-1 bucket design with a tilting rear pickup. The low maintenance and high strength design of the tilt control system is coupled with a simple 12 volt solenoid operation. This gives the operator full radial control of the cutting angle.

The unique design means it is possible to continuously vary the cutting edge relative to the inclination of the loaders front wheels. This is particularly useful when working on an incline whilst trying to perform a straight cut.



TILTING COUPLERS

Norm Engineering's unique tilting coupler has a compact design that replaces the machines standard quick attach frame. The tilting coupler has a 17° tilt in both directions and allows the operator to have radial control over any attachment that is placed on the machine.

The tilting coupler gives you the option to tilt any of your standard attachments.

Available with optional electric or hydraulic locking pins.

* Images may include optional extras. All images shown are for illustration purposes only. Actual product may vary.



CONVEYOR BUCKETS

The conveyor bucket has been designed for back filling trenches, filling feedlots, blast holes and other hard to reach places. The conveyor bucket is able to scoop raw materials such as dirt, rocks, gravel, mulch and poultry feed etc. There are adjustable shutters on either side of the bucket which control the outflow of material. The hydraulic flow determines the speed of the conveyor belt and the distance of the material spread.

The conveyor bucket is available in two sizes and is ideally suited for landscaping yards, construction, mining, farming, plumbers and councils.

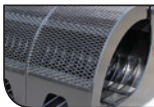


GRAPPLE BUCKETS

OPTIONS:
FLOOR -
FLAT OR SIEVE



**GRAPPLE ARMS -
SOLID OR MESH**



The Norm Engineering industrial strength grapple bucket is ideal for demolition work, recycling work, waste management, construction and property clearing.

The two grapple arms operate independently to accommodate uneven loads.

The grapple bucket has a low maintenance greaseable pivot system and rear mounted cylinders for minimum exposure to damage.



BROOMS

**4-IN-1 BROOM
OPTIONS:**
HOOD COVER
& GUTTER BROOM



Norm Engineering offer a range of brooms in various sizes for different applications ranging from construction to landscaping. The low maintenance design is available as a 4-in-1 broom, open mouth broom or an enclosed broom.

The 4-in-1 broom has 3 x bolt on edges and an optional hood cover to enclose the broom. Enclosed brooms incorporate an easy change rubber skirt to further the life of your broom and they have an option of a gutter brush attachment.



ANGLE BROOMS

The Norm Engineering angle broom is ideal for sweeping roadsides, sidewalks, factories, industrial areas, orchards and for moving debris. The angled broom is able to reach more difficult areas than the traditional brooms.

With a flick of a switch, the broom can be changed from a normal sweeping broom to an angle broom. The 25° angle, either left or right, allows you to sweep dirt or debris off to the side.

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DOZER BLADE STICK RAKES

The Norm Engineering dozer blade stick rake consists of a heavy duty dozer blade and a stick rake combination. Rake and level with one attachment.

The dozer blade includes a standard replaceable bolt on edge and is ideal for moving large amounts of sand, soil and debris.

The heavy duty stick rake tynes are ideal for clearing and raking.

Best suited for construction, farming, forestry and mining environments.



ANGLE & TILT DOZER BLADES

Available as an angle only or angle and tilt, the Norm Engineering heavy duty dozer blade is the ideal attachment for precise trimming, grading and backfilling.

With an angle function of 28° each way and a tilt function of 17° each way this attachment provides the ultimate level of control.

Angle and tilt blades are available as a plug and play option for most machines and require no additional hydraulics to be fitted.



GRASS SLASHERS

The floating frame on the Norm Engineering grass slasher and the adjustable side skids allow this attachment to clear grass and low level shrub areas, making this an ideal attachment for council work and landscaping. To provide further stability, a jockey wheel may be added as an optional extra to the 4ft, 5ft & 6ft grass slashers. The 7ft grass slasher is supplied with dual jockey wheels.

Grass Slasher sizes for skid steers - 4ft, 5ft, 6ft and 7ft.

Grass Slasher sizes for excavator - 4ft and 5ft.

High flow option available.



RIPPERS

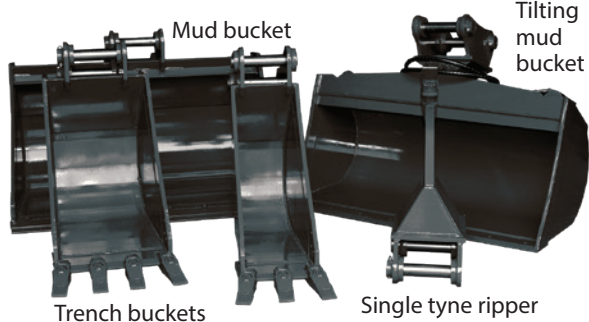
Norm Engineering manufactures both front and rear hydraulic rippers.

Hydraulic rippers are designed to excavate the toughest material.

Rear rippers are custom made to suit different machines with an option of 4 or 5 tynes. Easily replaceable tynes are fitted with heavy duty ripper teeth.

Available in kit form or can be custom fit to your machine.

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EXCAVATOR TRENCH BUCKETS

OPTIONS:

SIDE CUTTERS
BOLT-ON-EDGE
CHISEL OR TIGER TEETH



SLIDE ON TOOTH BAR



Norm Engineering excavator trench and mud buckets are designed with a flat bottom to leave a cleaner trench.

Wear strips are added to give extra strength and protects the bucket giving it a longer life span.

There is an option of bolt on side cutters which increases the bucket size width by 50mm.

Excavator attachment packages available.



LOG & ROCK GRABS

OPTIONAL:
BATTER BLADE



(BATTER BLADES ARE
STANDARD ON THREE
TONNE MACHINES AND
SMALLER)

The Norm Engineering log and rock grabs are designed to have the strength to work in the roughest environments; they suit all Excavators ranging from 1.5 tonne through to 25 tonne. The log and rock grabs are available with 5 tynes, and the grab can either be fully hydraulic or static.

Cylinders are enclosed for ultimate protection whilst working in harsh environments.



EXCAVATOR 4-IN-1 BUCKETS

OPTIONAL BOLT-ON
REVERSIBLE
CUTTING EDGE



TEETH OPTIONS
AVAILABLE



Australian manufactured Norm Engineering Excavator 4-in-1 buckets are specifically designed to work with excavator geometry.

The 4-in-1 bucket consists of a dozer to level, clear & backfill, serrated edges on the jaws allow stronger grip when clamping logs and rocks, and a bucket ideal for scooping, lifting, carrying and dumping material. An extra heavy-duty flat floor is used to give additional strength to the bucket.



TILTING QUICK HITCHES

EXCAVATOR
HYDRAULIC QUICK
HITCH



EXCAVATOR TILTING
QUICK HITCH - 180° TILT



The Norm Engineering excavator tilting quick hitch complies with Australian (AS4772-2008) and international (ISO 13031.2) hydraulic quick hitch standards.

The hitch has a single action, automatic triple lock retention that does not require a safety pin.

The hitch has an approved lifting point and a visual locking indicator.

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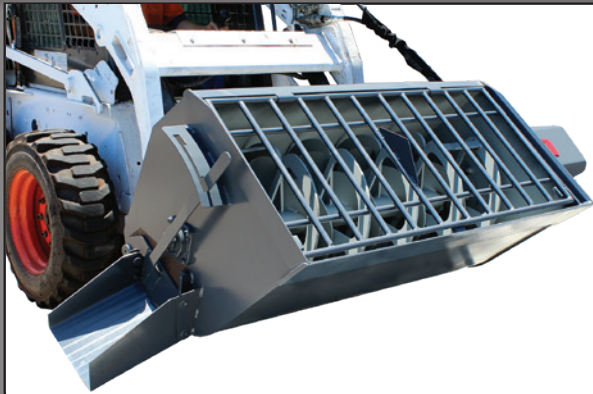


BACKHOE ARMS

The Norm Engineering backhoe arm increases the flexibility of your skid steer loader machine with a trench bucket attached to a hydraulically operated dipper arm.

With a 70° swing each way, the slew or "swing" design eliminates the need to move the machine to empty the bucket which is ideal when working on lawns or other surfaces that can be ruined by skid steer and track machine movement.

You can dig, slew and dump material with a smooth operation from inside the cab.



CONCRETE BUCKETS

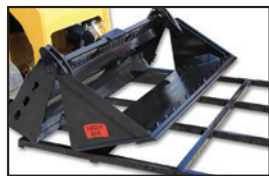
The hydraulic driven Norm Engineering concrete bucket has a spike to split cement bags.

The strong custom mixing system rotates and mixes the concrete which can be viewed through the open heavy duty caged front. Once the concrete mixture is ready, the flight rotation is reversed with a flick of a switch, this action will direct the concrete out the side shoot making it easy to fill holes.

Concrete buckets have side and front discharge and they are available with manual or hydraulic opening.



Pin eye style
pallet forks



Spreader bar

Carriage style
pallet forks

PALLET FORKS / SPREADER BARS

The Norm Engineering heavy duty multi functional pallet forks are ideal for lifting and moving heavy material within the construction, mining and farming industry. The guard has been designed for high visibility to help operators when loading and unloading. Tynes can be adjusted to alter the width spacing depending on load requirement.

The Norm Engineering spreader bar is easily attached to a 4-in-1 bucket and is used to level areas of gravel, sand and rubble. The pick-up points are designed to reduce stress on the bucket. Available in various widths and lengths.



RAMPS

Norm Engineering now stocks aluminium ramps with a carrying capacity of 1.5 – 8.0 tonnes. These ramps are designed for steel or rubber tracks and pneumatic tyres.

The ramps have been designed to prevent bottoming out when loading and unloading. Ramps are supplied with forged locking pins to ensure a safe, secure attachment to the loading plate.

Ramps are 3500mm in length with a track width of 325mm – 500mm.

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