



**AUSTRALIAN MANUFACTURER
OF EARTHMOVING ATTACHMENTS**

**EARTHMOVING ATTACHMENTS
BACKED BY 30 YEARS EXPERIENCE**



MOVING the earth for you™

**07 3376 3177
03 9775 1965**

www.normeng.com.au

BRISBANE:

Ph : 07 3376 3177 | Fax : 07 3376 3201
sales@normeng.com.au | www.normeng.com.au
21 Spine Street Sumner Park Queensland 4074

MELBOURNE:

Ph : 03 9775 1965 | Fax : 03 9770 8054
victoria@normeng.com.au | www.normeng.com.au
3/90 Colemans Road Carrum Downs Victoria 3201



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 clear & backfill, serrated edges that allow stronger grip when clamping logs, a box blade to level, and a bucket ideal for lifting and carrying loose dirt and stone. An extra heavy-duty flat floor is used to give additional strength to the bucket.



OPTIONAL BOLT-ON
REVERSIBLE
CUTTING EDGE



TEETH OPTIONS
AVAILABLE



4-IN-1 LOADER BUCKETS

Norm Engineering 4-in-1 loader style buckets are heavy duty buckets that feature elements to make them stronger to withstand tough environments and conditions.

The 4-in-1 loader style bucket consists of a dozer to clear & backfill, serrated edges that allow stronger grip when clamping logs, a box blade to level, and a bucket ideal for lifting and carrying loose dirt and stone.



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

This Norm Engineering unique compact design tilting hitch replaces the machines standard quick attach frame and allows the operator to have radial control over any attachment that is on the machine.

Available with optional hydraulic locking pins which eliminates the need for the operator to ever leave the cab.



CONVEYOR BUCKETS

The conveyor bucket has been designed for back filling trenches, filling feedlots, blast holes and those 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, contractors, mining, farming, plumbers and councils.

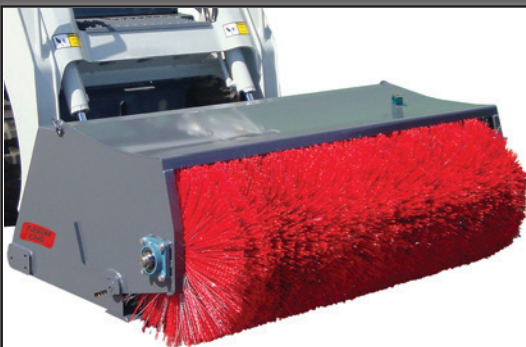


GRAPPLE BUCKETS

The Norm Engineering grapple bucket is an industrial strength Grapple Bucket. The grapples are an extremely high-strength design. They incorporate a low maintenance greaseable pivot system and rear-mounted cylinders for minimum exposure to damage. The hydraulic operated grapples are a key feature.

Flat floor and sieve floor options available.

Ideal for demolition work as well as being suited to recycling work and property clearing.



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 and 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 broom.



ANGLE BROOMS

The Norm Engineering angle broom is ideal for sweeping roadsides, sidewalks, factories, industrial areas, macadamia farms 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 28° angle, either left or right, allows you to sweep dirt or debris off to the side.

Angle broom sizes available - 1100mm to 3000mm.



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 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

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

Available as either an angle only or an angle and tilt option. The tilt option blade is able to move one side forward allowing the blade to move material off to the side.

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



GRASS SLASHERS

The floating frame on the Norm grass slasher and the smooth contours of the adjustable side skids allow this attachment to move with ease while clearing grass and low level shrub areas, making this an ideal attachment for council work and landscaping.

A jockey wheel may be added as an optional extra to provide further stability to the slasher.

Grass Slasher's sizes - 4ft, 5ft, 6ft and 7ft. High flow option available.



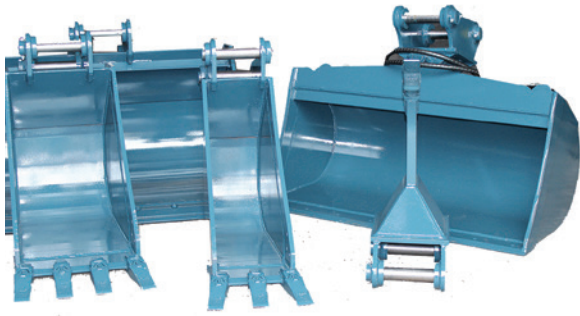
RIPPERS

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 cat style ripper teeth. A parallelogram action is used to maintain efficient operation.

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



EXCAVATOR TRENCH BUCKETS

OPTIONAL BOLT-ON
REVERSIBLE
CUTTING EDGE



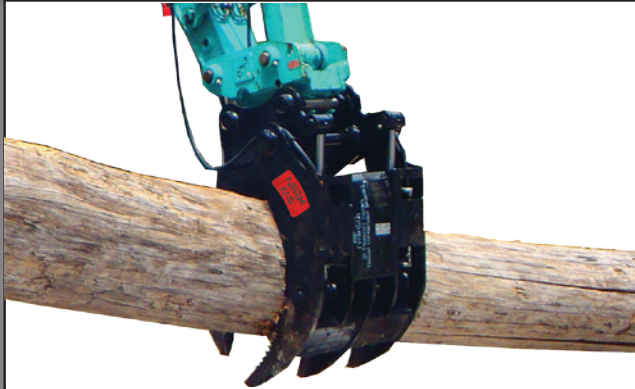
TEETH OPTIONS
AVAILABLE



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

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

Available in a variety of sizes. Option of bolt on side cutters allowing you to increase bucket size width.



ROCK & LOG GRABS

The Norm Engineering rock and log 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 rock and log grabs are available with 3 or 5 tynes. The grab can either be fully hydraulic or they can be statically mounted to the boom.

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 4-in-1 buckets are designed for strength and durability. The 4-in-1 bucket consists of a dozer to clear & backfill, serrated edges that allow stronger grip when clamping logs, a box blade to level, and a bucket ideal for lifting and carrying loose dirt and stone. An extra heavy-duty flat floor is used to give additional strength to the bucket. Specifically designed to work with excavator geometry.



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 pin retention that does not require a safety pin.

The hitch has an approved lifting point, mechanical visual indicator and there is no need to plumb specialised hydraulic lines.



SWING HOES

The Norm Engineering swing hoe increases the flexibility of your skid steer loader machine by combining the properties of a trenching attachment and an excavator into one attachment, this reduces the need for a second machine therefore reducing your overheads significantly.

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 the constant movement of skid steer and track machines.



CONCRETE BUCKETS

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

The strong custom mixing system rotates and mixes the concrete which can be viewed through the open grid on top. 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.

This attachment also comes with a removable extension shoot for pouring in areas that are out of reach.



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.