



MECHANICAL GRAPPLE



Heavy Duty Construction for Serious Material Handling Work

Designed with five interlocking fingers for superior performance, eiengineering's Mechanical Grapples are ideal for the Demolition, Forestry & Recycling industries.

With an extra-large grapple opening, these mechanical grabs are capable of picking awkward shapes easier & large volumes of materials faster with every pass. The curved design makes the grapple more suitable to an array of applications, whether it's rubbish, logs, demolition etc.

The unique Quick Attach stiff arm mechanism allows you to connect the stiff arm to the bracket without leaving the cabin. The multi hole position bracket enables an enormous range of flexibility when picking horizontally or vertically. The five fingers allow the operator to rake the material as well as pick & load and the optional serrated and heavy duty finger wear pads ensure a variety of heavy duty applications with minimal wear.

eiengineering mechanical grabs are constructed from ei80 grade high strength steel* for durability and longevity. They are fitted with replaceable induction hardened pins & bushes in all pivot points to reduce wear & extend the life of the grapple.

*ei80 grade high strength steel has a material hardness of 250 – 280 Brinell. It's 3 x stronger and 3 x more abrasion resistant than mild steel 250 grade.



SPECS:

Included: Quick Attach Mechanism, Pins
Optional: Serrated & HD Finger Wear Pads
Machine: 1 tonne to 38 tonne





MECHANICAL GRAPPLE

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We have a number of eiengineering Mechanical Grabs and Sieve Buckets that are absolute **BOMB PROOF!**

We highly recommend their service and quality product they produce.

MATT JENNINGS
PROCAT DEMOLITION
Yanmar SV100

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MACHINE SIZE	WEIGHT KG	OPENING MM	WIDTH MM
1 - 2.5 Tonne	60	660	330
2.6 - 3.9 Tonne	160	840	500
4 - 5.9 Tonne	250	1100	510
6 - 9.9 Tonne	550	1500	660
10 - 17.9 Tonne	900	1950	700
18 - 29.9 Tonne	1250	2350	920
30 - 38 Tonne	2400	3180	1100

FEATURE	ADVANTAGE	BENEFIT
ei80 grade* high strength steel	3 times stronger than mild steel 3 times more abrasion resistant	Less maintenance and replacement costs
Quick Attach stiff arm mechanism	Fast, easy connection of stiff arm to machine bracket	Safe to use, quick and easy connection for the operator. No assistance required.
Larger Grapple Opening	Pick up more and awkward materials	Easier, faster working conditions
Multi Hole Position Bracket for adjustable setting	Better handling of materials and more applications	More flexibility
Interlocked webbed design	Gives greater strength through grapple construction	Less maintenance and replacement costs
Replaceable serrated and heavy duty Finger Wear Plates	Weld-on finger wear plates for easy replacement if damaged	Less maintenance, replacement time and costs
Hardened Bushes	Longer bush life Easy replacement	Less maintenance and replacement costs
Five Finger Construction	Better handling of awkward materials	More flexibility and versatility
Specifically designed for machine safety	Sensible loading capacity	Very safe to use
Larger Welds to reinforce stiff arm	More robust – longer arm life	Less maintenance and replacement costs
After Sales Support	Full range of spare parts available	No need to customise parts yourself for maintenance or repairs

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See our earthmoving attachments in action:



eiengineering
high performance attachments