



**McQuaid**  
Engineering Ltd

## ORANGE PEEL GRABS



## COMPANY OVERVIEW

McQuaid Engineering Ltd has been manufacturing world class products for the construction, recycling and demolition sectors for over 25 years. Driven by the challenges our customer's face we have built our reputation on offering strong, durable and safe products designed and manufactured to work reliably in the toughest of environments. The ethos of our business is based on maintaining an innovative workplace which maintains an unparalleled level of expertise and consistency across our products, while maintaining close and long term relationships with our customers.



## STATE OF THE ART FACILITIES

We operate a full manufacturing facility which boasts state of the art modern engineering processes and has strict quality management systems in place. From the initial design stage; through to cutting steel, welding, precision machining, assembly, build and testing, everything is carried out from a single site. This means we not only get the benefit of more efficient manufacturing processes, but we also ensure greater quality control helping to deliver a quality product. Innovation combined with years of industry experience has enabled us to engineer products that utilize the most advanced technologies available, yet are incredibly user friendly.



## GLOBAL NETWORK

Today McQuaid Engineering Ltd. is represented in 5 continents with a global dealer network. Our customers know they can rely on us to help improve their operational efficiency, reduce risks and increase profitability. It is our commitment to quality, safety standards and customer satisfaction that has positioned us a world leader in designs attachments for the construction, aggregate, demolition and mining industries.



## QUALITY ASSURED

The McQuaid name is recognised as a symbol of quality products worldwide. Our commitment to outstanding business and manufacturing performance, productivity and customer satisfaction is evidenced through our success in achieving not one but two ISO standards – ISO Certifications ISO 9001:2015 and ISO 3834-3:2015. It is our continual improvement and investment in manufacturing processes and equipment which means McQuaid's is able to meet the challenges of worldwide industry.



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# ORANGE PEEL GRABS

The McQuaid range of Orange Peel Grasps are the perfect attachments for scrap processing, auto handling, tyres and bulk cargo. Available with half closed or closed grab tines.

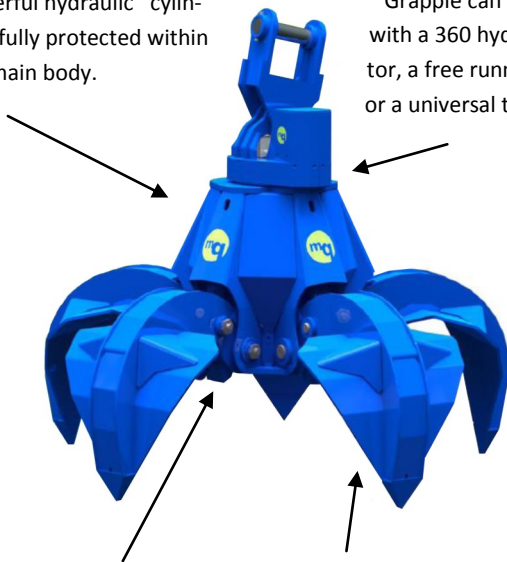
Built to exact tolerances from premium materials, they have an excellent strength to weight ratio and their sturdy design guarantees a long service life. The gripping arms protect the hydraulic cylinder pistons, and all other connections are located in the tough central piece of the grab.

There are three options available for the orange peel grasps depending on the type of application it is required for; free rotation, with rotator, or integrated rotation (heavy duty) with sturdy slewing.



Powerful hydraulic cylinders fully protected within the main body.

Grapple can be supplied with a 360 hydraulic rotator, a free running rotator or a universal top bracket.



Hard steel bushes and pins - low maintenance and hard wearing.

The grapple jaws are optional. Tine only, half closed jaws or fully closed jaws.

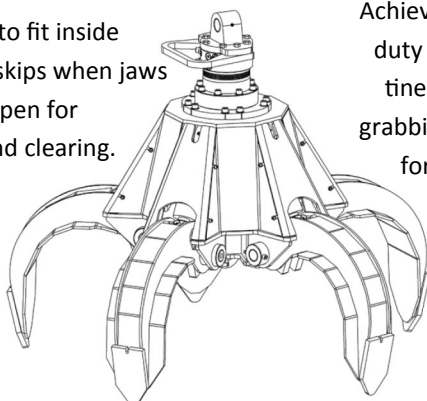
## FEATURES:

- Half closed or closed tines/ claws
- Grab tines have integrated teeth points
- 360 free running rotation with hydraulic rotation available
- Pressure relief valve to protect the hydraulic system against peak pressures
- Special steel with heat treatment for hardening to ensure maximum strength

## BENEFITS:

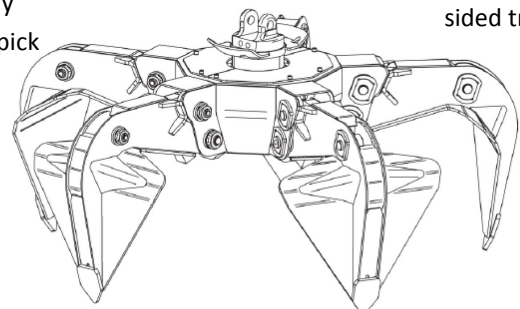
- Components subject to abrasion are made of wear resistant steel
- Durable materials ensure a long life even with poor lubrication
- Designed to resist the hardest working conditions
- Simple assembly and ease of operation
- Long service life guaranteed

Designed to fit inside standard skips when jaws are fully open for loading and clearing.



Achieve faster cycle times. Heavy duty cylinders and penetrating tines work together securely grabbing full loads with each pick for maximum production.

Designed with a short body, an advantage for loading high sided trailers.



## SPECIFICATIONS:

PRODUCT	OPG1200 FJ	OPG2000 HJ	OPG2000 FJ
NUMBER OF TINES	5	5	5
WEIGHT	560KG	835kg	920kg
VOLUME	350 LITRES	406 litres	406 litres
CLOSING FORCE	1427 Kgf	1710 kgf	1710 kgf
GRAP FULLY OPEN	1784mm	1775mm	1775mm
GRAB FULLY CLOSED	1337mm	1344mm	1344mm

## APPLICATIONS:

A McQuaid Engineering orange peel grapple is the perfect solution for material handlers in scrap yards, recycling plants and transfer stations. A 360° rotation system and 5-tine configuration efficiently and safely handles shredded scrap, waste, long structural beams, car bodies and many other materials.

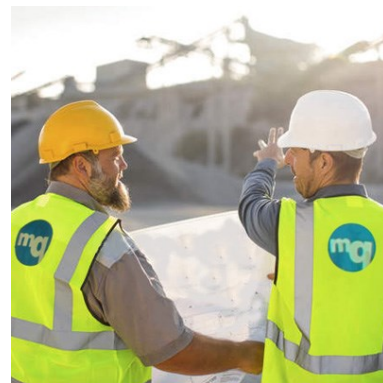




## CUSTOMER SUPPORT

From the initial enquiry you make with McQuaid Engineering Ltd, right through to when you receive your finished product, our dedicated team will be with you each step of the way. We take great pride in our customer service, providing world class support, delivering 100% customer satisfaction. Our committed customer support team is equipped with the experience and thorough industry and product knowledge to help assist you, whatever the nature of your enquiry. From someone with a query wishing to find out more about McQuaid Engineering Ltd. and our product offering, to our existing customers, we are dedicated to making your life easier.

Whether you are looking to install or commission a single machine or multiple pieces of equipment, our technicians are there to support you at every step of the process. From feasibility and project management to system configuration and training we can handle the installation and commissioning of equipment from start to finish. We offer our customers a complete design to installation service anywhere in the world.

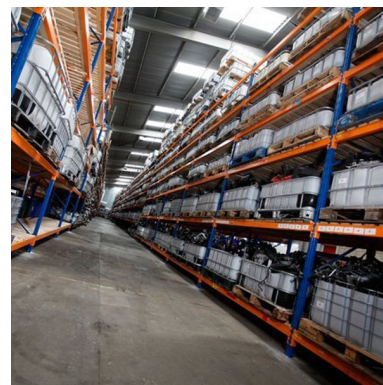


## SPARE PARTS

At McQuaid Engineering Ltd. we know the importance of quick turnarounds when you have a breakdown on site. Manufacturing our own components means that we always have a supply of spare parts, so if the need should arise; you can keep production on schedule and minimise costly, unscheduled downtime by getting them direct from us, when you need them.

When it comes to parts, our focus is on quality, service and value. Our spare parts operation is designed to deliver total peace of mind and keep your business running smoothly. With a dedicated customer representative and technical support team on hand, you will always have your own go-to person.

Reduce your downtime with McQuaid certified components that deliver a long and reliable life, and reduce risk of injury with fewer repairs needed. McQuaid spare parts keep your machinery working at peak performance and maximize its resale value. You can be assured that our spare parts have superior durability and ease of fit due to the raw materials and the high quality precision manufacturing.



## AFTERCARE

Receiving your new McQuaid Engineered product is just the beginning of your relationship with us. Technical trouble shooting and spare parts for all our products. We offer the highest level of customer care, staying in contact with each customer until their situation is resolved.

We understand that time is money, and that even with regular evaluations and mechanical audits of your equipment, unanticipated downtime can occur. Long equipment life, peak performance and safe operation are dependent on a thorough understanding of equipment and maintenance procedures. Our comprehensive service ensures that our customers get the professional support and technical advice they need, when they need it.

