



# DEMAREC MULTI-SHEAR

DMS-05-C, DMS-05-S, DMS-05-V



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# DEMAREC MULTI-SHEARS POWER TOOLS FOR PROFESSIONALS

DEMAREC, since 2006 part of the international KINSHOFER GROUP, is one of the leading manufacturers of equipment for the demolition- and recycling industry globally. DEMAREC proves to be big in innovation... down to the smallest details with the scrap and recycling tools developed in-house!

## In the end... it's only about the tool!

The scrap and recycling tools by DEMAREC prove every day that good tools are literally and figuratively speaking more than half the battle. In fact: in the end, the correct piece of equipment determines the success and outcome of each job.

Therefore, DEMAREC advises its prospects and customers to focus on the piece of equipment and not on the machine. And... never the other way around! Thus, it is never ever necessary to surrender any capacity and as a result any (business) performance and profits.

In other words, an investment in a tool by DEMAREC is much more than a sound investment that is guaranteed to repay itself 100%!

## COMBINATION OF ENGINEERING AND MARKET KNOWLEDGE

The midi excavator is very popular and not without reason, the reduced dimensions allow midi excavators to perform in tight work spaces. But the machines offer more where it counts. They are versatile machines that are built small for big jobs.

That's why this class of machines matches the DEMAREC DMS-05 Multi-shear perfectly with its optimal weight to power ratio. But this is exactly the same for skid steer loaders.

The DMS is a truly multifunctional shear thanks to the mechanical change system and the wide range of available jaws.

There are jaws available for cutting through reinforced concrete (DMS-05-C), scrap (DMS-05-S), and for cutting cables (DMS-05-V). The DMS-05 can be used for both primary and secondary demolition work.

All jaws are fitted with replaceable wearing parts where possible. Jaws can be quickly and safely changed in just a few minutes.

The DEMAREC Multi-shear stands for compact design, optimal weight to power ratio and an impressive performance.

## C | DEMAREC COMBI-JAW

- Jaw-set for primary demolition.
- Jaw-set made for demolition of structures made of reinforced concrete with a high percentage of ferrous materials and cutting steel structures.

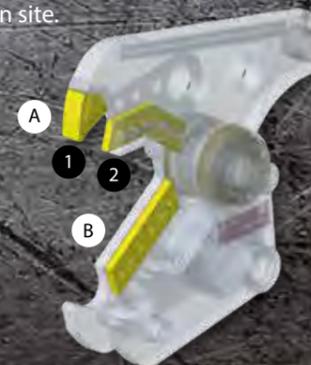
### Key Features and Benefits

- A C-jaw gives the best combination for demolition of concrete and steel.
- The ripper tooth brakes the concrete and the long cutting edges are perfect to cut steel.

### Exchangeable Wear Parts

- Base material fully protected with exchangeable wear parts.
- Exchanging of wear parts on site.
- Always the maximum performance.
- High wear-resistant wear parts.

A Piercing tip  
B Cutting blades (4x)



### Technical specs Multi Shear DMS-05-C

Type		DMS-05-C
Weight (approx)*	kg	540
Closing force 1	ton	34
Closing force 2	ton	48
Lenght	mm	1665
Jaw opening	mm	400
Jaw depth	mm	390

\* Weight excluding bracket.

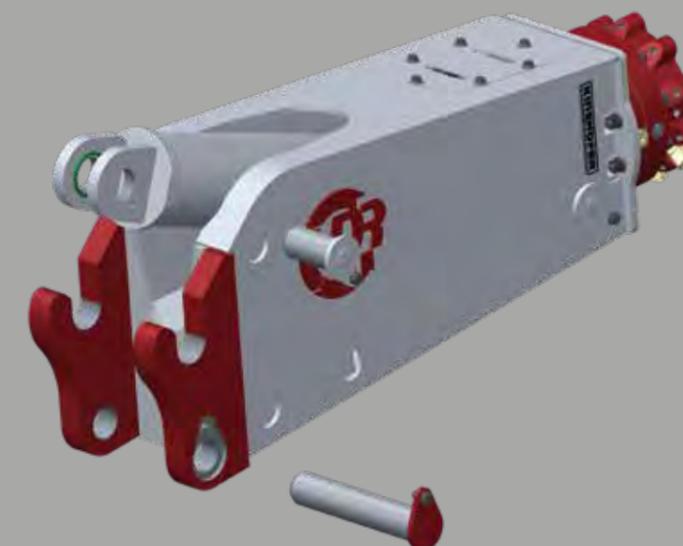
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### Technical specs DMS-Yoke

Type		DMS-05-C / S / V
Carrier weight (Stick)*	ton	7-9
Carrier weight (Boom)*	ton	5-7
Carrier weight (Skid Steer)*	ton	3-5
Opening/Closing Pmax	bar	250
Flow	l/min	60-100
Rotation Pmax	bar	150
Flow	l/min	20-50
Cycle time Opening/Closing	sec	1,8 / 2,1

\* Weight excluding bracket.

Subject to change without notice.



# S | DEMAREC STEEL-JAW

- Jaw-set for primary and secondary demolition.
- Made for demolition of steel structures.
- Processing all kinds of scrap to reduce sizes.

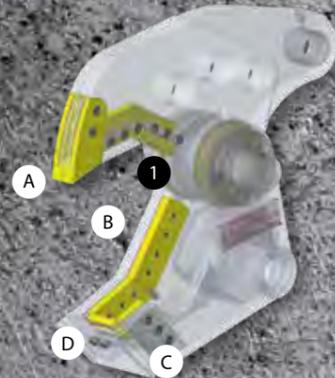
## Key Features and Benefits

- Exchangeable piercing tip for optimal penetration.
- Cutting edges made of tool-steel for a long life time and good cutting performance.

## Exchangeable Wear Parts

- Exchanging of wear parts on site
- High wear-resistant wear parts
- All blades can be loosened from outside

- A Piercing tip
- B Cutting blades (4x)
- C Guide blade
- D Front cutter



## Technical specs Multi Shear DMS-05-S

Type		DMS-05-S
Weight (approx)*	kg	510
Closing force 1	ton	156
Lenght	mm	1665
Jaw opening	mm	320
Depth of jaw	mm	360

\* Weight excluding bracket.

Subject to change without notice.

Steel Profiles		DMS-05-S
H-beams	light	HEA 140
	normal	HEB 100
I-beams	light	IPE 220
	normal	INP 180
Pipe x wall	(mm)	ø141x6,5

This chart gives an indication of the cutting capacity of the DMS shears based on the assumption of a working pressure of 250 Bar, normal steel profiles with a maximum tensile strength of 370 N/mm<sup>2</sup>, and a good condition of the blades.

# V | DEMAREC CABLE-JAW

- Jaw set for primay and seconday demolition
- Made to cut mainly all kind of electricity wire cables
- Processing cables to reduce sizes

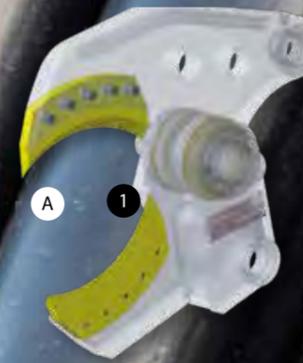
## Key Features and Benefits

- Safe, easy and fast cutting of wire cables on site or on a recycling plant
- Wire cables are sized for transport and/or recycling
- Different sizes of electricity cables can be cut depending of the strengthness
- Cutting blades from tool-steel for a long lifetime and good cutting performance

## Exchangeable Wear Parts

- Exchanging of wear parts on site
- High wear-resistant wear parts
- All blades can be loosened from outside

- A Cutting blades (2x)



## Technical specs Multi Shear DMS-05-V

Type		DMS-05-V
Weight (approx)*	kg	500
Closing force 1	ton	102
Lenght	mm	1725
Jaw opening	mm	270
Depth of jaw	mm	355

\* Weight excluding bracket.

Subject to change without notice.

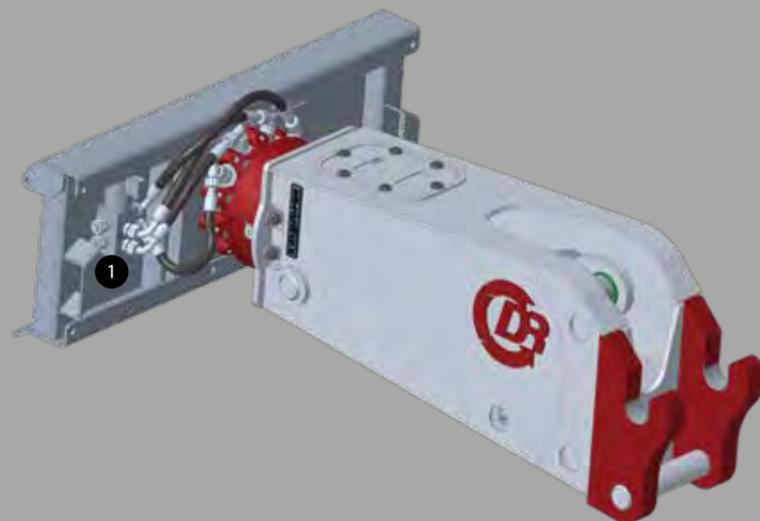
# DMS-05 FOR SKID STEER LOADERS

Skid Steer Loaders are versatile compact machines suitable for all kinds of applications. This makes them ideal for construction, demolition and recycling work.

Thanks to their high stability, excellent performance and multifunctional nature, they are the right "match" with the DEMAREC Multi-Shear.

## Optional

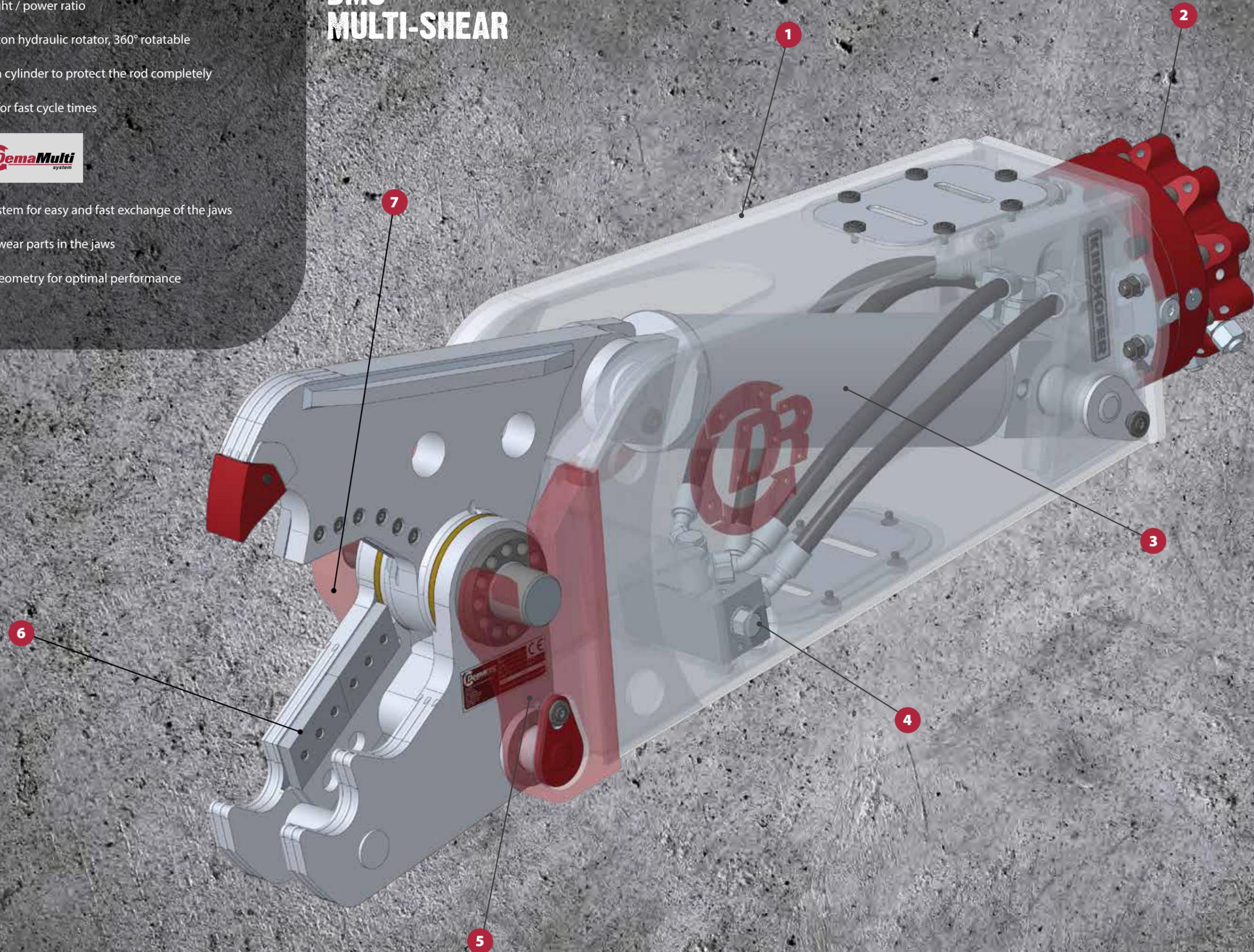
- 1 6/2 valve (12V or 24V) For changing from rotation function to open/close function.



## Key Features and Benefits

- 1 Optimal weight / power ratio
- 2 Compact 15 ton hydraulic rotator, 360° rotatable
- 3 Upside-down cylinder to protect the rod completely
- 4 Speed valve for fast cycle times
- 5   Multi-Link system for easy and fast exchange of the jaws
- 6 Replaceable wear parts in the jaws
- 7 Perfect jaw geometry for optimal performance

# DMS MULTI-SHEAR



# FROM PASSION TO PERFORMANCE



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