

# Kubota hydraulic breakers



# One-piece housing, unbeatable reliability



Kubota lightweight mono block breakers provide maximum reliability and performance. A patented accumulator mechanism, fitted with a reliable rubber diaphragm, eliminates the risk of gas leakage. The result is a highly efficient and maintenance-free accumulator that stabilizes the working pressure and reduces the risk of cavitation.

## Fast positioning

Correct positioning of the hydraulic breaker is crucial for effective breaking and to avoid damage to the breaker. Low weight, versatile mono block hydraulic breakers provide optimum maneuverability. Rapid positioning gets the job done faster.

## Cramped, awkward spaces? No problem!

The compact design of the mono block hydraulic breakers gives better access to narrow, restricted spaces. Depending on the model, they are between 10 – 20% shorter than our competitors' machines.

## Added value of low noise

Our KM hydraulic breakers incorporate advanced sound dampening technology for effective sound reduction. The casing is cast from a specially developed alloy that has impressive sound-absorbing characteristics.

## The bottom line? Increased productivity

The design of Kubota's mono block hydraulic breakers minimizes daily maintenance requirements. If central lubrication is available via the carrier vehicle, daily maintenance is eliminated altogether. Machine availability is increased, improving the cost-efficiency and productivity of your production.



Low weight and compact design give superior maneuverability, rapid positioning and better accessibility.

The long-stroke, slim-line piston is matched with the tool for optimum impact energy at the tip of the tool.

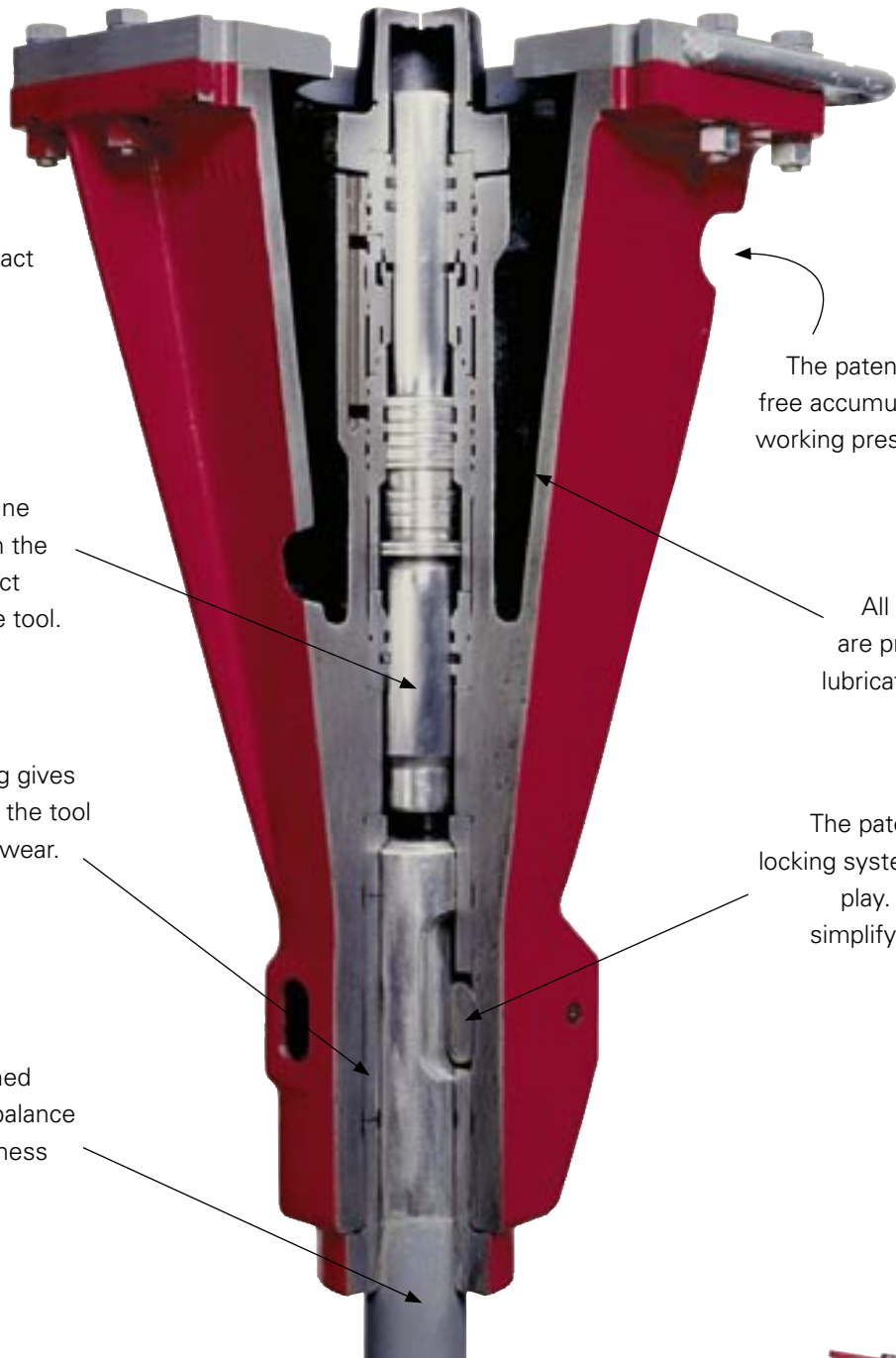
Full-length tool bushing gives maximum guidance of the tool shank, with minimum wear.

The forged and hardened tool provides optimal balance between surface hardness and ductility.

The patented, maintenance-free accumulator stabilizes the working pressure for improved efficiency.

All hydraulic breakers are prepared for central lubrication via the carrier.

The patented tool retainer locking system allows minimal play. Resilient lock pins simplify tool replacement.



| Model | Length without tool, mm | Approximate Operating Weight, kg | Impact Rate blow/min | Working Pressure bar | Oil Flow l/min | Tool Shank diameter, mm |
|-------|-------------------------|----------------------------------|----------------------|----------------------|----------------|-------------------------|
| KM100 | 604                     | 75                               | 600-1,740            | 100-150              | 11.5-31        | 45                      |
| KM150 | 710                     | 120                              | 540-1,080            | 100-150              | 20-40          | 50                      |
| KM200 | 700                     | 200                              | 480-1,200            | 100-150              | 30-65          | 65                      |
| KM300 | 850                     | 312                              | 480-960              | 100-150              | 50-80          | 80                      |
| KM450 | 925                     | 419                              | 390-780              | 100-150              | 50-100         | 95                      |

# The right breaker for the right carrier

It is important to bear in mind that the carrier must be sufficiently strong and stable to handle the weight of the breaker. A bad match can result in rapid wear of the carrier, or even overturning of the vehicle.

If the carrier is too strong, the tools, tool retainers and bushings can wear out quicker, or even break.

This table provides a rough guide. For a perfect fit between carrier and breaker, contact your Kubota dealer.



Optimal fit = █ Possible fit = █

| Carrier model    | Carrier weight | KM 100<br>75 kg | KM 150<br>120 kg | KM 200<br>200 kg | KM 300<br>312 kg | KM 450<br>419 kg |
|------------------|----------------|-----------------|------------------|------------------|------------------|------------------|
| <b>KX Series</b> |                |                 |                  |                  |                  |                  |
| K008 - 3         | 850            | █               |                  |                  |                  |                  |
| KX36 - 3         | 1 490          | █               |                  |                  |                  |                  |
| KX41 - 3 S       | 1 610          | █               |                  |                  |                  |                  |
| KX41 - 3 V       | 1 720          | █               |                  |                  |                  |                  |
| KX61 - 3         | 2 600          |                 | █                |                  |                  |                  |
| KX71 - 3         | 2 800          |                 | █                | █                |                  |                  |
| KX91 - 3 α       | 3 240          |                 | █                | █                |                  |                  |
| KX101 - 3 α      | 3 520          |                 |                  | █                |                  |                  |
| KX121 - 3 α      | 3 980          |                 |                  | █                | █                |                  |
| KX161 - 3 α      | 5 155          |                 |                  |                  | █                |                  |
| KX251 α          | 7 430          |                 |                  |                  | █                | █                |
| <b>U Series</b>  |                |                 |                  |                  |                  |                  |
| U10 - 3          | 990            | █               |                  |                  |                  |                  |
| U15 - 3          | 1 600          | █               |                  |                  |                  |                  |
| U20 - 3          | 2 110          | █               | █                |                  |                  |                  |
| U20 - 3 V        | 2 440          |                 | █                |                  |                  |                  |
| U25 - 3          | 2 540          |                 | █                |                  |                  |                  |
| U35 - 3 α        | 3 590          |                 | █                | █                |                  |                  |
| U45 - 3 α        | 4 555          |                 |                  | █                | █                |                  |



## KUBOTA EUROPE S.A.S.

19-25, rue Jules Verceyusse  
 B.P.50088 - Z.I.  
 95101 Argenteuil Cedex France  
 Téléphone: (33) 1 34 26 34 34  
 Télécopieur: (33) 1 34 26 34 99  
 www.kubota.fr