



## **Press Release**

# **Simplified Breakers Deliver High Impact Power**

***Introducing the Cat B20, B30 and B35 hydraulic hammer line-up in top mount configuration (TM) for hydraulic excavators***

Purpose-built for the robust applications typically found in Africa, Caterpillar's B20, B30 and B35 top mount hammers (TM) are now available locally for diverse markets that include municipal, general construction, demolition, quarrying and mining.

These units are designed for fitment across a broad spectrum of Cat carriers: the B20 TM is an ideal match for the Cat 320D2 L; the BM30 TM for Cat 323D2 L and Cat 329D2 L machines; and the B35 TM for Cat 336D2 L and Cat 340D2 L excavators.

"A distinctive feature is their excellent power-to-weight ratio, outstanding impact output, and simplicity," points out Barloworld Equipment product and application specialist, Craig Christie, adding that the weld-free hydraulic kit mounting supplied is a standard feature. "This high pressure accumulator protects the carrier's hydraulic circuit by absorbing pulsation spikes created during the firing stroke." (Barloworld Equipment is the Cat dealer for southern Africa.)

Caterpillar's B-Series gas fired hammers are characterised by their top-mount (rectangular) style, which increases impact power by keeping hammer and stick forces in line. The top-mount style also provides a larger work area and excellent operator visibility. Additionally, the top-mount bracket configuration transfers far fewer forces and corresponding bending stresses into the end of the stick, lowering the overall impact on machine structures. Hammer speed/frequency can be adjusted easily to suit specific applications.

In terms of maintenance, the full length side plate design provides personnel with much easier access to service points and change-outs. A prime example is the field replaceable lower tool bushing. Tools come inmoil, cone, chisel and blunt specifications and all are manufactured using high grade heat-treated steel.

"Every aspect of these hammers has been designed and tested to provide years of trouble-free daily operation," adds Christie.

## **ENDS**

## **CAPTION 1**

Cat B-Series hammers are designed with mounting brackets specifically built to Cat linkages, as well as the genuine connecting lines and valves to match Cat implement hydraulic kits.

## **CAPTION 2**

The top-mount (rectangular) style increases impact power by keeping hammer and stick forces in line.

### **Hammer Specifications**

	<b>Unit</b>	<b>B20 TM</b>	<b>B30 TM</b>	<b>B35 TM</b>
Working Weight	Kg	1881	2387	3105
Impact Rate	BPM	400-800	350-700	250-550
Operating Pressure	Bar	160-180	160-180	160-180
Relief Pressure	Bar	240-250	240-250	240-250
Oil Flow	LPM	125-150	160-190	180-220
Accumulator Pressure	Bar	60	60	60
Back Head Pressure	Bar	6	6	9
Tool Diameter	mm	135	150	153
Pressure Line Size	mm	25	25	32
Carrier Weight Range	Ton	18-25	25-32	32-40

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