



14/03/2016

## PRODUCT NEWS

### **NEW** **Backhoe Loaders by Bobcat:** **B700 – B730 – B750 – B780**



# POWERFUL, RELIABLE & DURABLE....!!

## Introduction

BOBCAT is pleased to announce the launch of its new product for the Middle East and Africa region: the **Bobcat Backhoe Loader**.

- B700
- B730
- B750
- B780

With 4 strong, versatile models – and a wide range of Bobcat optional equipment – the Backhoe Loader can be configured exactly for the job. Whatever the application – digging, trenching, breaking or material handling (just to name a few) – Bobcat Backhoe Loaders have the power to perform it efficiently with the best-in-class HP engine under the hood.

## Main Features & Benefits

### **Best-in-class 100 HP engine, matched with reliable and durable components**

The standard 4.4 litre, 4 cylinder, 100 HP turbocharged diesel engine delivers more power to respond to the most demanding applications while reducing operating cost.

The flow of power from the engine is transmitted through class-leading powertrains that have been proven through rigorous testing programmes and several thousand working hours to ensure durability and more uptime.



**The standard 2-year Powertrain warranty** – the proof of our Powertrains' reliability and durability – provides extra protection and peace of mind.

### All the high-value features

- Choice of 4-speed synchroshuttle, powershift or auto powershift transmissions are featured for different models to meet various applications requiring a significant amount of directional changes at the job-site.
- Gearshifts are smooth and precise and help maximize fuel efficiency.
- All models have an open centre hydraulic system and are equipped with tandem gear pump with high flow capacities: 136 l/min in the B700, and 154 l/min in the B730, B750 and B780.
- The unloader valve is standard in all models.
- Electrohydraulic differential lock is featured as a standard in all models.
- Limited slip differential in B730 and B750 models.
- All models come with the class-leading Michelin tyres.



### Benefits of Bobcat Ownership

Bobcat customers recognize the benefits of Bobcat ownership through the services of Product Support, Parts Purchasing, Asset Protection and Service Management. Bobcat Backhoe Loaders follow the same focus and fit into the Bobcat product range like all other Bobcat machines. All customers can rely on these benefits throughout their product experience.

- Product Support
- Parts Purchasing
- Asset Protection
- Service Management





## Additional Features & Benefits

### 🐾 Everything you need to get the job done right

- Bobcat Backhoe Loaders provide a spacious and comfortable operator cab with productivity features. The B700 and B730 offer the choice of open canopy and enclosed cab, and the B750 and B780 are equipped with enclosed cab.



- The cab features:
  - Easy entry
  - All controls within reach
  - Tilttable steering column
  - Fully adjustable operator's seat
  - High-performance HVAC System
  - High visibility



### 🐾 Loader Performance

- Powerful breakout forces, strong full lift capacities, enhanced load over height and reach match your most demanding material handling jobs and get everything done efficiently.
- Choice of General Purpose or 6-in-1 buckets or other optional equipment enhances both versatility and productivity.



### 🐾 Backhoe Performance

- Whatever the application, these backhoe loaders achieve high-performance digging, lifting and trenching capabilities at maximum reach to handle your toughest jobs with ease.
- Plus, a broad range of optional equipment offers great versatility for doing more with one machine.



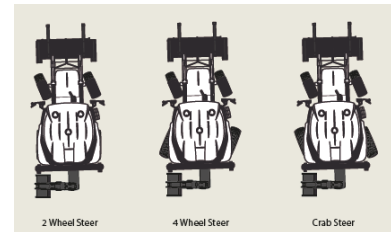
## ✦ High climbing performance

- Superior ground clearances of 385 mm in the B780 and 400 mm in the B700, B730 and B750 – together with 25° back ramp angle – provide more climbing performance over steep slopes with ease.



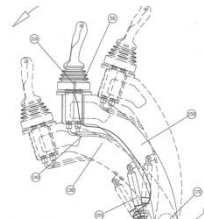
## ✦ 4-Wheel Steer (B780)

The B780 helps operators reduce steering load at low speeds with 3 different modes – for excellent manoeuvrability and increased productivity.



## ✦ Joystick controls (B750 and B780)

- Low-effort, loader joystick control provides precise control and superior comfort to enable operators work for longer periods without fatigue – increasing productivity.



## ✦ Fast and easy maintenance

- To service and maintain components at ground level, simply removing the side panels provides easy and quick access to the engine compartment and other locations.
- The tanks are re-fuelled from ground level as well – and they're protected with a lock that matches the ignition key.



✘ **Designed to keep you up and running**

- Designed to be extremely reliable and durable, Bobcat Backhoe Loaders are built to tackle your tough jobs comfortably and to minimize downtime along with maintenance and repair costs by protecting your product from potential hazards on-site.
  - All sealed pins and bushings (B730-B750-B780)
  - Hose guards
  - Rear lights guard
  - Stabilizer cylinder guards (B730-B750-B780)
  - Plastic fuel tank
  - Plastic fuel tank guard
  - Shaft guard (Optional)



**Product Specifications**

KEY PERFORMANCE FEATURES		B700	B730	B750	B780
<b>ENGINE</b>					
Rated gross power ISO 14396	kW/hp	74.5 / 100	74.5 / 100	74.5 / 100	74.5 / 100
Maximum torque@1350 rpm	Nm	408	408	408	408
<b>HYDRAULIC SYSTEM</b>					
Flow	l/min	79+57	90+64	90+64	90+64
System pressure	bar	220	220	220	220
<b>LOADER PERFORMANCE</b>					
Bucket capacity GP	m3	1.0	1.1	1.1	1.1
Breakout force shovel	kN	44.0	81.5	81.6	81.6
Breakout force arm	kN	47.0	60.5	56.1	56.1
Lift to full height	kg	3015	3500	3178	3178
Height to hinge pin	mm	3500	3520	3670	3590
Dump height	mm	2740	2810	2950	2865
<b>BACKHOE PERFORMANCE</b>					
Bucket capacity	m3	0.2	0.2	0.2	0.2
Bucket tear-out	kN	44.0	59.1	59.1	59.1
Dipper tear-out retracted	kN	30.0	31.8	31.8	31.8
Digging depth retrac/ext	mm	4005/4805	4600/5800	4600/5800	4600/5800
Reaching from swing centre retrac/ext	mm	5162/5895	5700/6800	5700/6800	5700/6800
<b>OPERATING WEIGHTS</b>					
Weights	kg	6600	7800	8000	8700

## iStore & Base Configuration

Reference in iStore:

- B700-BASE MODEL#100
- B730-BASE MODEL#100
- B750-BASE MODEL#100
- B780-BASE MODEL#100

These models are equipped with the following configuration as **Standard**:

- ROPS/FOPS Enclosed cab
- Mechanical suspension seat with seat belt
- Arm rest
- Head rest
- Sun visor
- Floor mat
- Tilted steering column
- Steering wheel knob
- Tinted front windscreen and wiper
- Tinted rear windscreen and wiper
- 6 work lights (2 front, 4 rear)
- Side storage
- Exterior mirrors
  
- Radio/CD player
- Rotating beacon
- Horn
- Cigarette lighter
- Reverse alarm
- Heater
- Rear windscreen heater
- 600 mm backhoe bucket
- Air filter condition indicator lamp
- Front headlights
- Fully equipped dashboards
- General purpose loader bucket
- Loader arm safety strut
- Master switch
- Starting system thermal aid
- Visual and audible warning system for main functions

## Options

- ROPS/FOPS Canopy (B700 – B730)
- Air conditioning
- Ride Control

## Attachments

### Backhoe

- Hammer Piping
- Different sizes of backhoe buckets
- Hydraulic hammer
- Extendable boom

### Loader

- 6-in-1 loader bucket
- Pallet forks