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Importers, Exporters, Wholesale Distributors and Retailers of Winches and Accessories

Introducing our new Bow 3, available mid February, initially in 12 volts. These tried and tested incredibly powerful Bow '3's feature the following:

Huge 5" diameter x 10" long (125 x 252mm) housing complete with adaptor to not only help the motor to run cooler, but also to contain a massive armature and copper welded commutator.

8 huge brushes, each with twin insulated flexible copper wires located in solid brass brush holders mounted in a cast aluminium frame to take away some of the heat and provide a bearing block at the back end.

4 large field coils surround the armature all connected with heavy copper bus bars.

All in all a motor and a half!

The nominal speed is 4,000 rpm, similar to a Bow '1' but with a huge amount of torque and rated at an amazing 9HP.

A challenge truck using one of these on either a single top 8274 or a twin top would definitely need strengthened Giggiepin internals! Great too for Giggiepin Winches.

To get the best out of these motors you will need a very good battery setup, ideally 3 big 12 volt batteries in parallel driven by a big alternator— a 150 amp one would be brilliant.

The supplied adaptor allows these Bow '3's to be bolted onto the Bow '1' & '2' etc fixing holes on the winch.

Each motor weighs 12kg.

Overleaf are some pictures to give you a feeling of just how good this Bow '3' is as well as an

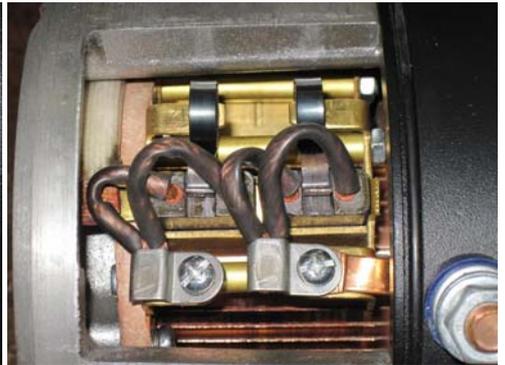
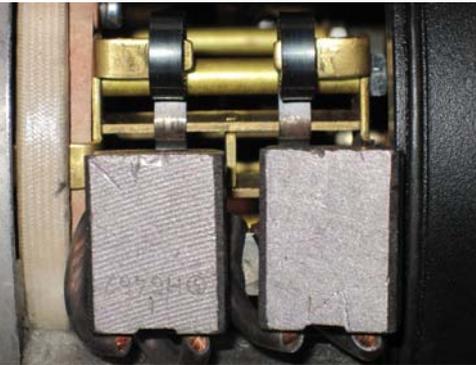


Comparison Report between Various 12 volt Motors Fitted to a Large Drum TDS-9.5 in JCB 6.6 Tonne Forklift

	BOW '1'	BOW '2'	BOW '3'	XP	Champion
No load speed with 30m rope	200 secs	156 secs	126 secs	202 secs	238 secs
@ Amps Drawn	50	66	80	66	87
Volts	12.6	12.2	12.9	12.3	12.9
Pulling forklift up slope					
@ Amps Drawn	150	185	280	190	240
Volts	11.9	11.5	10.9	11.4	11.1

Notes Starting volts in each case approx 13.64
Powered by 2 x 100 Ah batteries with the standard 65 amp alternator
Tensometer load average 1.7 tonne

Available from February 2013, Launch Price £275 + VAT





Jerry Hart literally moving at a great speed out of the mire with a Giggiepin winch with a pair of Bow '3's fitted



← A TDS-9.5c Goldfish winch fitted with a Bow '3' to a specially adapted and machined drum support

An 8274 fitted on the rear of James Trembaths' challenge truck with a Bow '3' →

