

# CIRCUIT BREAKER RACKING MECHANISM

**P**OWER CONTROL ENGINEERS (PCE) have developed a light weight fully portable Circuit Breaker Racking Mechanism. The complete mechanism weighs only 12kg including batteries and may be carried and operated by a single person, meeting requirements for greater flexibility and portability. The system is completely modular comprising a standard drive mechanism with various attachments for different circuit breakers. The design is a significant development from the earlier trolley mounted devices. Shown below is a unit with a Reyrolle LMT circuit breaker attachment.



## INNOVATIVE SOLUTIONS

Power Control Engineers are specialist electrical engineers focused on offering innovative solutions to customers. Recent projects undertaken by the company illustrate these capabilities.

### **Motor Starting Analysis**

A standby generator on a water pumpstation had been undersized for starting the pumps. PCE measured and analysed the motor starting performance and provided a solution of capacitor voltage support during starting to enable the pumps to be started on the generator supply.

### **High Voltage Power Upgrade**

A factory expansion required a power upgrade including a 33kV incoming substation and 415V distribution. PCE undertook the complete turnkey project, including design, procurement, installation and commissioning. To meet the tight deadlines PCE supplied a prefabricated 33kV substation, which was delivered and installed on site in a single day. ⚡



## Power Control Engineers Pty Ltd

*Electrical Engineers,  
Designers and Consultants*



## Specialist Electrical Engineers

*Circuit Breaker Racking Systems*

*Switchgear and Controlgear*

*Machine Guarding and Safety*

*Designs and System Studies*

*Power Quality Solutions*

*Distribution Systems*

*Earthing Designs*

Power Control Engineers Pty Ltd

ph 02 4928 1511

mob 0425 326 541

email [info@pceng.com.au](mailto:info@pceng.com.au)

web [www.pceng.com.au](http://www.pceng.com.au)