

Work Basket

WB 10.2m

Cameron's WB 10.2 work basket is a two-man work basket designed for use during manually-assisted stabbing operations and maintenance procedures to be performed on drilling equipment above the drillfloor.

Design of the two-man work basket includes features such as interface with the Zone Management System (ZMS) (warning only), proximity sensors to avoid collision, personnel escape system and emergency functions capable of lowering and slewing the basket. The work basket can be operated from a local panel mounted in the basket itself or from the remote control panel (location determined on a project-by-project basis).



Main Features

- Automatic parallel system to maintain basket level when boom is elevated
- Hydraulic unit rated for Zone II operation
- Double-telescopic boom can be tilted or slewed
- 250-kg basket capacity
- \pm 45 degree boom swing

Safety Features

- Pressure relief valves mounted on all hydraulic cylinders to protect against overload conditions
- Emergency stop on local and remote control panels
- Interface with ZMS provides indication in DCR (Drilling Control Room) when work basket is in use

Technical Specifications	SI	Imperial (US)
Capacity (SWL)	250 kg	550 lb
Outreach (minimum/maximum)	5.7 m/10.7 m	16 ft 7-7/8" / 33 ft 1/2"
Working height	16.2 m	52 ft 6-3/4"
Tilt of boom	± 60 degree	
Swing of boom	± 45 degree	
Hydraulic supply	207 bar, 30 L/min	
System operating temperature	-20° C to 40° C	-4° F to 104° F
Basket dimension (w x h)	1200 x 800 mm	3 ft 11-1/4" x 2 ft 7-1/2"
COG. position in (without load)	2200 mm	7 ft 2-5/8"
COG. position in (with load)	2500 mm	8 ft 2-3/8"
COG. position out (without load)	4000 mm	13 ft 1-1/2"
COG. position out (with load)	4700 mm	15 ft 5-1/4"
Weight	2400 kg	5291 lb

Scope of Supply
One hydraulic-operated work basket for two persons (maximum total weight 250 kg)
Operator control panels: one local panel in basket; one remote control panel in suitable location
Emergency stop buttons: one mounted on local panel and one mounted on remote control panel
Interface with VMS
Load limiting system

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