

MINER'S HELPER L.L.C.

ARTICULATED MANIPULATOR (pat. pend.)



ARTICULATE – having joints; composed of segments.

MANIPULATE – to move, arrange, operate or control skillfully by the hands or mechanical means.

Adaptable to virtually any vehicle for stability.
12 volt D.C. required for Wireless Remote. PTO required for hydraulic power supply.



Designed to reduce injuries there by lowering the insurance premiums at the same time increasing production.



LATERAL SLIDING BASE ---

- 1,300 lbs. 60" wide consists of two slide sections with 24" travel for each section.

3 FUNCTION CRANE ---

- 350 degrees rotation.
- Booms up to 70 degrees elevation.
- Extensions – main boom to fork tip = 8' X 3,766 lbs.
 - 1st extension to fork tip = 11'2" X 2,035 lbs.
 - 2nd extension to fork tip = 14'4" X 1,292 lbs.

ROTARY ACTUATOR ---

- Yaw motor that rotates 90 degrees each side of center.

SLEW DRIVE ---

- Roll motor that spins the forks 360 degrees.

CLAMP WITH LOCK VALVE ---

- Hydraulic cylinder with 8" stroke.

2 POSITION 24" FORKS ---

- Forks open up from 2' to 4'.

12 vdc 7 function Wireless Remote Control.

Hydraulic Flow Divider mounted on the Lateral Sliding Base.

80" tall with boom straight out and total weight of 2,330 lbs.