

CJQ Air Tuggers

Equipment for Mining, Tunneling and Civil Construction



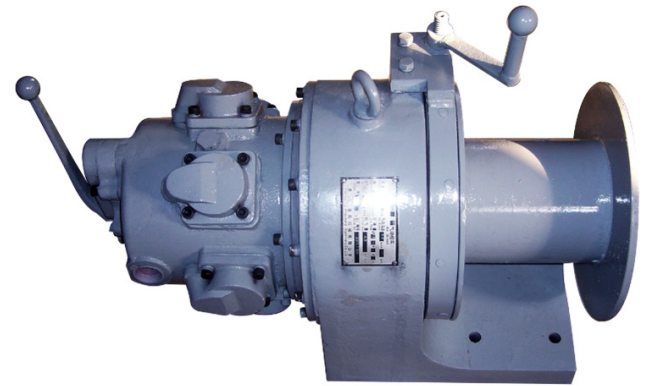
Leedem's CJQ series air tuggers are capable of carrying loads from 1,000kg to 10,000kg in weight, featuring single-brake and double-brake mechanism. The CJQ air tuggers are of single-drum, manually operated, driven by piston-type pneumatic motor via a two-stage gear speed reducer.

The compressed air braking option adopts compressed air as power to drive the piston air motor, transferring torque to drum through the second gear reducer. By operating manual diversion valve on the motor, tuggers can perform hoisting, lowering and stopping actions to the wire rope. CJQ series offer special design with hand and foot double manual brakes in the case of unexpected events.

CJQ 30/24 and CJQ 50/12 double-brake air tuggers are best applications for hauling, lifting and other work in mines, construction engineering sites, platforms of oilfields off-sea and inland, etc.

Features and Benefits

- Compact in size and light in weight.
- Easy to move and to install.
- Simple and reliable operations with little noise.
- Stable in inflammable, explosive, wet, damp and other extreme operating conditions.
- Low maintenance required.
- High starting torque ensures it starting with load while performing hoisting, lowering and stopping actions easily.
- Best fit for hauling, lifting and other work in mines, construction sites, on-shore/off-shore platforms of oilfields.
- The fail-safe auto air brake is an option. Brake is always on. Only when the air motor is started, it will be released by air cylinder. When air power loses or any other things happen to the tugger, the brake will automatically engaged.
- Excellent after sales service with high-quality replaceable parts.
- All air tuggers can be equipped with guard shield.



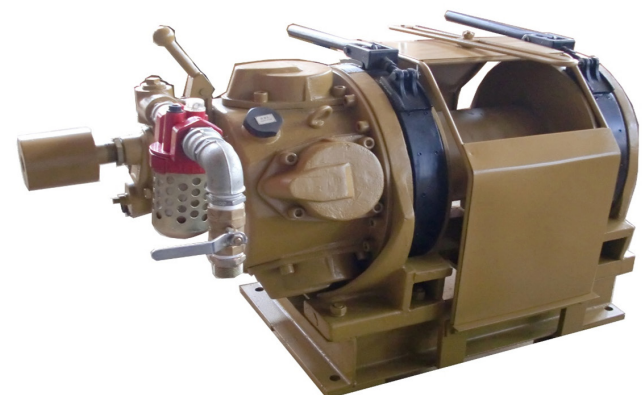
CJQ 10/24 1,000kg Capacity, 24m/min



CJQ 20/24 2,000kg Capacity, 24m/min



CJQ 30/24 3,000kg Capacity, 24m/min



CJQ 50/12 5,000kg Capacity, 12m/min

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CJQ 100/12 10,000kg Capacity, 12m/min

CJQ Air Tuggers Specifications

Model	Rated Pull (kN/ lb.)	Air Motor Power (kW/hp)	Rope Size and Capacity (Φmm x m)	Air Consumption Rate (m3/min. kw)	Max Cable Speed (m/min.)	Weight (kg)
CJQ 5/24	5/1,100	4-Mar	10mm x 100m	≤ 1.34	24	130
CJQ 10/24	10/2,200	8-Jun	12mm x 100m		24	175
CJQ 20/24	20/4,400	8/10.7	16mm x 100m		24	300
CJQ 30/24	30/6,600	15/20	18mm x 120m		24	470
CJQ 50/12	50/11,000	15/20	22mm x 150m		12	470
CJQ 100/12	100/22,470	30/40	30mm x 150m		12	1,300