

100-Ton Hydraulic Cylinder with 21mm Stroke

This hydraulic cylinder is designed for applications where space is limited. It has a capacity of 100 tons and a travel distance of 21 mm, making it suitable for various lifting and pressing tasks.



Product Overview

Compact High-Capacity Performance

The RMC-1001 hydraulic cylinder is specifically engineered for high-force applications where vertical clearance is extremely limited. Featuring a heavy-duty 100-ton capacity, this low-profile unit includes an automatic plunger retraction system and a chrome-plated plunger surface to ensure long-term operational longevity. Its compact dimensions make it an essential tool for lifting and pressing tasks in narrow or confined spaces.

Key Performance Metrics

Primary Specifications

100 T

Tonnage

16 mm

Work Travel

15.7 kg

Total Weight

Technical Dimensions

Cylinder Dimensions

Parameter	Measurement
Collapsed Height	86 mm
Extended Height	102 mm
Outside Diameter	185 x 160 mm
Cylinder Bore Diameter	130 mm
Plunger Diameter	110 mm

System Data

Hydraulic System

- Effective Cylinder Area: 95 cm²
- Oil Capacity: 0.211 L
- Input Oil-port Thread: 3/8"-19

Design Features

Low Height Profile, Automatic Plunger Retraction, Chrome-plated Plunger, Single Acting