

# 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 cm<sup>2</sup>
- 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