

What kind of pulley is best for pulling cables across cable trays



Overview

Industrial pulley systems rated for 2:1 mechanical advantage reduce required pulling force at 45° bends by 55%. Installers should verify sheave diameters meet 20x cable diameter standards and lubricate pivot points every 200 feet of cable pulled. The Cable Tray Pulley stands as a critical component, facilitating the smooth and damage-free installation of power, control, and communication cables across diverse applications. These specialized pulleys are engineered to support and guide cables during installation in cable tray systems. High precision timing pulley • Select high-strength materials to improve load-bearing capacity and extend service life. • Support non-standard customization and can design and produce products with special tooth shapes and special structures. It ensures smooth cable movement during installation.



Article Content

Nov 11, 2025

Cable Pulleys | McMaster-Carr

Compare standard, hanging, and mounted pulleys, then calculate the capacity you need based on the angle of your rope. Choose

May 27, 2026

Cable pulley

The product is easy to use and useful one or two groove pulley system that is developed using GG25 high

May 20, 2026

Cable Pulling Cable Laying | Cable Rollers | Cable Drum Handling

A range of trailer mounted cable winches for the installation of LV EHV Power Cables where high pulling tensions are required – all

May 08, 2026

Cable Pulleys | Market Leader | View Now : Tractel GLOBAL

Tractel® is a world leading supplier of Cable Pulleys. Our products are used in thousands of applications globally : Tractel® Global

Jun 30, 2026

How Cable Pulleys Effect Mechanical Cable Strength

However, because all cables that traverse pulleys experience bending stresses, there are a host of variables that

Jan 28, 2026

Amazon : Cable Pulley

Browse cable pulleys for network installation, gym workouts, and lifting. Discover quality brands and features today.

Sep 24, 2025

Essential Cable Pulling Tools for Efficient Installations

Cable pulling tools reduce the damage to cables during installation, extending their lifespan and saving costs related to

Mar 13, 2026

The Basics of Cable Pulling

The direction of the pull (e.g., up, down, horizontal), length of the pull, weight of the cable, amount of friction between the cable and

Apr 06, 2026

Cable Pulling Equipment Guide: Tools for Efficient Installs

Discover the essential tools for efficient cable pulling, from winches to robotic pullers. Reduce labor by 40% and

Jun 16, 2026

Heavy-Duty Cable Tray Pulley

Ensure smooth, efficient cable pulling with our durable Cable Tray Pulley. Perfect for electrical installations, data centers &

Dec 06, 2025

Multiple cable pulling made easy

problem When routing tray in either the ceiling or underfloor, vertical changes must often be made to address installations of

May 11, 2026

cable tray pulleys

The primary benefits of cable tray pulleys include reduced cable wear, enhanced safety, and improved operational

Oct 08, 2025

Best Practice Guide to Cable Ladder and Cable Tray Systems

Cable ladder systems and cable tray systems are designed for use as supports for cables and not as enclosures giving full

Sep 19, 2025

Low Voltage & Network Cable Installation Pulley.Cable

Product description Low Voltage & Network Cable Installation Pulley. More efficient, safer,

Aug 06, 2025

Cable Installation Guidelines in Trays

The document provides guidelines for installing cable in cable trays, including design considerations and formulas for calculating

Oct 10, 2025

Cable-pulling equipment remains basic and simple

Cable-pulling equipment is designed to make the task of running cable easier and simpler. It supports copper, aluminum and fiber

Aug 26, 2025

Cable Pulling Cable Laying | Cable Rollers | Cable

Low, Medium & High Voltage Cables LV MV HV Pulling & Cable Drum Handling Equipment Thorne &

May 09, 2026

Cable Guiding Systems

The flatbed casters from Katimex® are indispensable for a safe, simple and fast cable pulling via cable routing systems. Due to the

Jul 20, 2026

2pcs Blue Cable Wire Threading Tool Cable Tray Roller

This cable pulling roller can be installed on the inside or outside of the track, or the corner of

Apr 02, 2026

Cable tray manual

Where a cable tray wiring system containing Type TC cables will be exposed to any significant amount of hot metal splatter from

May 14, 2026

White Paper: Introducing Pulleys Into Cable Systems | Cablecraft

This paper identifies the key factors for each stage in the design and selection process from design to installation. It emphasizes the

Nov 21, 2025

Best Cable Tray Pulling Equipment for Efficient Wire

Finding the right cable tray pulling equipment can streamline wire installation projects,

May 04, 2026

Types of Cable Trays – Advantages, Applications and Sizes

What are Types of Cable Trays? January 10, 2025 What are Cable Trays? Cable trays are essential components in

Jan 20, 2026

INTRODUCING PULLES INTO CABLE SSTEMS

In the pulley selection process, the highest possible pulley tread diameter should be used in a design. If the tread diameter is too

Jun 27, 2026

Cable Tray Pulley: A Comprehensive Review and Guide for Efficient

Answer: Choosing the right cable tray pulley depends on the size of the cables, the type of tray, and the installation environment.

Jun 12, 2026

Cable pulley for electrical installations

Cable Pulley for Electrical Installations Introduction to Cable Pulley Systems Cable pulley systems play a pivotal role

Apr 20, 2026

Cable Guiding Systems

Cable Guiding Systems - Rollers for Cable Trays When laying cables in industrial and plant engineering as well as tunnel systems,

Aug 12, 2025

Tray Rollers

Shop Greenlee tools line of tray rollers designed specifically to make electricians' jobs easier.

Aug 14, 2025

The 9 Best Tools For Pulling Wire Solo

Get to know about the top 5 tools for pulling wire better through conduit, walls, studs and

May 09, 2026

Cable Tray SHIB NAL

Cable trays are not raceways, but they are treated as a structural component of a facility's electrical system. Cable trays are a part of

Sep 29, 2025

Amazon : Pulling Pal

Pulling Pal - Low Voltage & Network Cable Installation Pulley. The Best Cat5e & 6, Coax, Fire Alarm,

Mar 21, 2026

Cable Pulley & Wire Rope Pulley Manufacturer | Delrin,

Find the right pulleys for your pulley systems, and pulley blocks in our complete inventory below, along with

Oct 10, 2025

Cable Pulleys | Market Leader : Tractel EN

Cable pulleys EC Snatch Block The EC Snatch Block serves as the industry standard for temporary lifting and pulling applications

Dec 21, 2025

CABLE TRAY ROLLERS Archives | iTOOLco

Explore iTOOLco's cable tray rollers, designed for efficient installation and compatibility with various

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town, 7441, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

