

HERCULES HOISTS LIMITED



URTM Series

Wire Rope Hoists

- ◆ Lifting
- ◆ Moving
- ◆ Storing



Material Handling. Delivered

Redefining Material Handling. Since 1962.

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Redefining material handling. Since 1962

Our brand **Indef** is synonymous with customer requirements for LIFTING, MOVING and STORING.

Big and small - our customer base spans almost all industrial sectors: name a sector and we can name a customer.

Our integrated design and manufacturing facility is equipped with contemporary manufacturing, assembly and testing facilities and has its quality systems certified to ISO 9001:2008 standards. Using state-of-the-art design methodologies, our team of engineers design robust products and solutions to support the most demanding material handling requirements.

Checkout www.indef.com to locate the coordinator closest to your location.

Or write to us at indef@indef.com.

Regional Offices:

Delhi - Kolkata - Chennai - Pune

UR - Universal Platform Wire Rope Hoist . What every good rope hoist should be ...

Dependable: that is what we have designed our new UR Series Wire Rope Hoists, to be. Built for productivity, reliability and safety.

Compact and modular, the UR Series Hoists have been designed with contemporary design technologies and incorporate internationally serviceable robust and proven components. UR Series of Wire Rope Hoists are available in the SWL range from 1T to 40T.

Available in 2 speed or inverter driven models, the UR Series features a compact **hoist drive - designed and built** in Germany, conforming to FEM norms and a powerful hoist motor equipped with two-surface safety brake.

The UR Series Rope Hoists are suitable for use in single or double girder cranes, monorail or curved track applications. The monorail / single girder hoist features a standard low head-room system making it directly suitable for any application. Optional data loggers and monitoring system for usage monitoring and extended warranty options.

Hoisting solutions available for automated, synchronized / tandem operations

Short Headroom Design Specification

	SWL (Tom) specrum By FEM Classificatic				Hight of Li m	Lifting Speed MPM	Motor Type	Head Room mm	Drum Dia. mm	Reeving No. of Falls
	4m	3m	2m	1Am						
UR 1	2	2.5	3.2	N / A	6, 9, 12	1.0 / 6.3	Dual	800	140	4
UR 1i	2	2.5	3.2	N / A	6, 9, 12	6.3	Inverter	800	140	4
UR 2	2.8	4.4	5.5	6.8	6, 9, 12	0.8 / 5.0	Dual	800	170	4
UR 2 i	2.8	4.4	5.5	6.8	6, 9, 12	5	Inverter	800	170	4
UR 3	6.3	8	10	12.5	6, 9, 12	0.8 / 5.0	Dual	865	271	4
UR 3i	6.3	8	10	12.5	6, 9, 12	5	Inverter	865	271	4
UR 4	10	12.5	16	20	6, 9, 12	0.66 / 4.0	Dual	1000	295	4
UR 4i	10	12.5	16	20	6, 9, 12	4	Inverter	1000	295	4
UR 5	12.5	16	20	25	6, 9, 12	0.53 / 3.4	Dual	1600	330	4
UR 5i	12.5	16	20	25	6, 9, 12	3.4	Inverter	1600		4
UR 6	20	25	32	40	6, 9, 12	0.6 / 2.6	Dual	1800	405	4
UR 6i	20	25	32	40	6, 9, 12	0.82 / 4.9	Inverter	1800	405	4

Due to continuous development, specifications are likely to change without notice. For Monorail girder, flexible flange with ranges from

Features & Benefits ...

- ◆ **Wide range: 1T to 40T**
Readily suitable for varied applications
- ◆ **Compact and optimized design**
Augmented for structural benefits
- ◆ **Robust hoist drive system designed and built in Germany**
Smooth, noiseless gears: built tough, built to last
- ◆ **Monorail trolley adjustable for wide range of beams**
Complete flexibility of installation
- ◆ **Input power range options from 380 V to 415 V**
Models suitable for international use available
- ◆ **Low headroom, compact design as standard for monorail applications**
Optimized for structural/locational advantages, maximum hook approach
- ◆ **Two speed motor standard**
Precise handling of loads
- ◆ **VFD drive (optional) with VLVS™ technology**
Safety in usage and to users
- ◆ **Overload Protection Device Standard**
Safety in usage and to equipment at no extra cost
- ◆ **Two speed drive with MPCB (Motor Protection Circuit Breaker) and VFD System incorporating Line Choke as standard :**
Complete Protection to hoist from power fluctuations
- ◆ **Data logger / condition monitoring system (optional)**
Usage monitoring and diagnostics management for faster uptime and safe work practices
- ◆ **Modular design with internationally serviceable and robust components**
Faster on site serviceability
- ◆ **Geared Cam Limit Switch for hoisting and Cross Bar Limit Switch for cross travel standard (with encoder on VFD models)**
Assured safety for lifting and moving

Hoist Gear Motor		Cross Travel				Cross Travel Optio			
Gear Box Rati	Motor kw	Kw x 2	MPM	CT Wheel Dia mm	No of Wheels	Fixed	Monorail Girder	Curve Path	Double Girder
40	0.4 / 4.0	0.04 / 0.18	5 / 20	125	4	Yes	Yes	Yes	Yes
40	4	0.18	20	125	4	Yes	Yes	Yes	Yes
74.8	1.0 / 6.1	0.04 / 0.18	5 / 20	125	4	Yes	Yes	Yes	Yes
74.8	6.1	0.18	20	125	4	Yes	Yes	Yes	Yes
118.5	2.0 / 12.5	0.092 / 0.37	5 / 20	160	4	Yes	Yes	Yes	Yes
118.5	12.5	0.37	20	160	4	Yes	Yes	Yes	Yes
169	2.6 / 16.0	5 / 20	160	160	8	Yes	Yes	Yes	Yes
169	16	0.55	20	160	8	Yes	Yes	Yes	Yes
216.6	2,6 / 16.0	0.13 / 0.55	5 / 20	160	8	Yes	Yes	Yes	Yes
216.6	16	0.55	20	160	8	Yes	Yes	Yes	Yes
232	5.0 / 20	0.18 / 0.75	5 / 20	250	8	Yes	Yes	Yes	Yes
	20	0.75	20	250	8	Yes	Yes	Yes	Yes

210 - 300 mm. Straight or tapered wheels at customer request. Curve path travel drive as per design

At HERCULES HOISTS LIMITED, we have been redefining material handling since our inception in 1962.

Incorporated with a legacy of leadership: the BAJAJ Group from India and with technologies from some of the world's best in the material handling business, we have moved and grown with the times, donning the mantle of market leadership and providing you with any solution that you may need for LIFTING, MOVING and STORING.

We are never very far from you and you can be assured of the optimum solutions and best service from us at all times.

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