



We come to you



Modular Systems



Overhead Cranes



Jimby Cranes



Hoists



Gantry Cranes



Services



Complete solutions in material handling systems, boiler making, special devices, infrastructure and services.



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“A set of modular and standardized components developed for overhead handling of light loads.”

The main elements of the DR Modular System are special cold-rolled profiles, available in various size sections, with excellent characteristics of strength, rigidity, and reduced self-weight. The other components, such as the hanger assembly (suspension), bridge suspension eyes, and trolleys, being forged and/or stamped, also possess high strength characteristics.

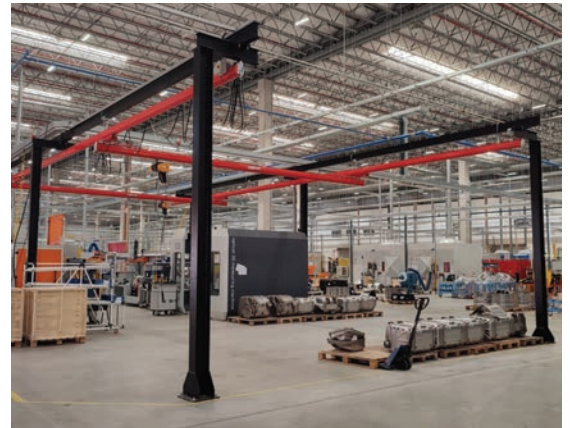
Key advantages in the product’s application include light and ergonomic movement, extensive versatility for expansions and modifications, easy assembly, simple maintenance, and long service life.

Duren is a benchmark and leader in providing Modular System solutions in Brazil, with a broad product family and in-house manufacturing: DR II, DR II-V (DR II with internal electrical busbar), DRI-C, DRI.

OVERHEAD CRANE

DR PROFILE	Load Capacity (kg)					
		125	250	500	1000	2000
DRI - C	Ocl max	9,00	6,00	4,00	-	-
	Dbh max	2,9	2m10	1,50	-	-
DR II	Ocl max	12,00	12,00	11,00	9,00	7,00
	Dbh max	6,00	5,00	3,80	2,70	0,65

OCL = Overhead Crane Length
DBH = Distance between hangers



MONORAIL



DR PROFILE	Load Capacity (kg) x Max DBH			
	125	250	500	1000
DRI - C	5,00	2,90	1,70	0,90
DR II	8,90	8,90	6,10	3,50

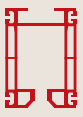
DBH = Distance between hangers

MOBILE GANTRY CRANE

DR PROFILE	Load Capacity (kg) x Max SL			
	125	250	500	1000
DR II	6,00	6,00	5,00	4,00

SL = Span Length





Also boasting great application versatility, the Modular Aluminum System is increasingly employed in the industry, largely due to its excellent ergonomics and low self-weight.

The engineering and extrusion process ensures high load capacity and lightness for the profiles, thanks to the structured and alveolar design of their walls.

As a major product differentiator, Duren manufactures in Brazil the DRAL180V Aluminum System, a version of the DR-AL180, featuring internal electrification within the profile and an Inspection Window complement for energy collector trolleys. These are excellent in applications utilizing many electrical devices, such as electric hoists, or those with long travel distances.

OVERHEAD CRANE

DR PROFILE		Load Capacity (kg)			
		125	250	500	1000
DR - AL120	Ocl max	7,00	5,00	3,00	-
	Dbh max	2,90	2,50	2,00	-
DR - AL180	Ocl max	8,00	8,00	8,00	5,00
	Dbh max	5,30	4,55	3,65	3,00

OCL = Overhead Crane Length
DBH = Distance between the hangers



MONORAIL

DR PROFILE	Load Capacity (kg) x Max. Hanger Spacing (Dbh)			
	125	250	500	1000
DR-AL120	4,00	2,90	2,00	1,10
DR-AL180	8,00	6,30	4,60	3,30

DBH = Distance between Hangers



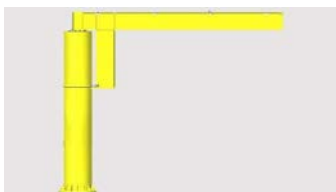
A Jib Crane is equipment that operates in confined spaces, widely applied for moving materials within a slewing radius of up to 360 degrees, facilitating the movement of materials of various dimensions.

They are completely independent and ideal for workstations, as well as for outdoor storage areas, loading/unloading ramps, or areas where other equipment cannot be used due to structural reasons.

They offer great versatility in their installation, being able to be mounted directly on almost all types of surfaces (Column Jib Crane) and even on existing concrete columns/walls or machine and facility pillars (Wall-Mounted Jib Crane).

I-BEAM JIB CRANE

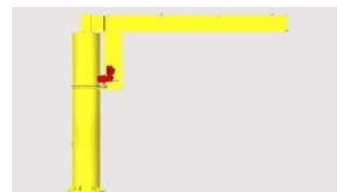
CAP. (KG)	Laminated I-beam profile (mm)							Rotation Range	
	2000	3000	4000	5000	6000	6500	7000	BGC	BGP
500								360°	180°
800									
1000									
1600									
2000									
2500									
3200									



I-Beam Column Mounted Jib Crane with Manual Rotation - BCCI Manual



I-Beam Wall Mounted Jib Crane with Manual Rotation - BCGI Manual



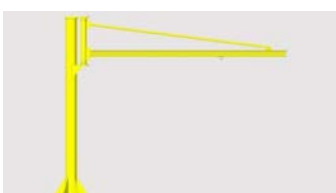
I-Beam Column Mounted Jib Crane with Motorized Rotation - BCGI Motorized



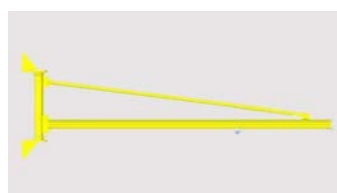
I-Beam Wall Mounted Jib Crane with Motorized Rotation - BCGI Motorized

MODULAR JIB CRANE

CAP. (KG)	DR Modular profile (mm)						Rotation Range	
	2000	3000	4000	5000	6000	7000	BGC	BGP
125							270°	270°
250								
500								
1000								



DRI-C Column Mounted Jib Crane - BGC-DRIC



DRI-C Wall Mounted Jib Crane - BGP-DRIC



DRII Column Mounted Jib Crane - BGC-DRII



DRII Wall Mounted Jib Crane - BGP-DRII



Duren's Conventional Overhead Cranes (COCs) are designed and manufactured in accordance with the recommendations of NBR8400/FEM standards:

NBR 8400 for the structural bridge (main girders, end carriages, general structures);

FEM 9901 for the mechanisms.

The main girders of the bridge (COC) are made of laminated or welded "I" profiles.

The connection between the girders (end carriage/bridge) is made with bolted connections using a connecting plate, offering practicality and ease for both assembly and eventual maintenance, all within manufacturing tolerances and ensuring correct equipment operation.

Bridge translation is driven by geared motors coupled to the wheel blocks, featuring dual-speed drives. The crane wheels are mounted in the wheel blocks, allowing for their replacement without removing the bridge from the rail. The entire assembly is demountable, maximizing ease of maintenance. They can be supplied for applications in Supported Overhead Cranes (SOCs) or Suspended Overhead Cranes (SOHCs).

SUPPORTED OVERHEAD CRANE

TYPE	Load Capacity (ton) x Max Spans (mm)	
	Up to 15.0	15.0 to 20.0
Single-Girder Supported	24	-
Double-Girder Supported	24	24



SUSPENDED OVERHEAD CRANE

TYPE	Load Capacity (ton) x Max Spans (mm)
	Até 6,3
Single-Girder Suspended	16



BATTERY-POWERED ELECTRIC CHAIN HOISTS

Battery-powered electric chain hoists are developed to offer maximum operational freedom, eliminating the need for cables or fixed power sources. They are ideal for applications where mobility, agility, and safety are critical, making them perfect for a wide range of industrial, logistics, and maintenance applications.

Key Product Features:

- Cordless operation, ideal for hard-to-reach locations or those without electrical infrastructure;
- No cables, control panels, or complex installations. Simply charge the battery and begin operation;
- Lightweight lifting equipment, ideal for hoisting and material handling operations in factories, warehouses, homes, workshops, and construction sites.

Capacity	150kg	250kg	500kg	1.000kg
Rated Voltage	18V (20V)	18V (20V)	36V (40V)	36V (40V)
Power	200W	320W	850W	850W
Lifting Speed	6m/min	3m/min	3,5m/min	1,75m/min
Classification	1Am (8,000 cycles at full load)	1Bm (16,000 cycles at full load)	1Bm (16000 cycles at full load)	1Bm (16000 cycles at full load)
Rated Operation	ED 20%	ED 40%	ED 40%	ED 40%
Protection Class	IP23	IP23	IP23	IP23
Weight	8kg	9kg	11.5kg	12.5kg



Standard Hook Path: 3.0 m
 Battery Charger: AC 100V-240V
 Optional: Wireless Remote Control

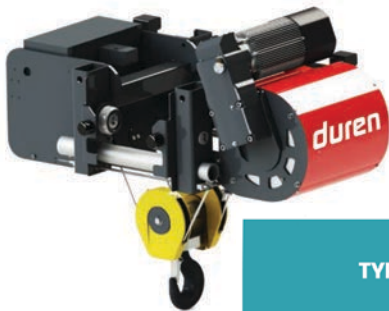


ELECTRIC WIRE ROPE HOISTS

Wire rope hoists are essential equipment for lifting and moving loads in industrial environments. Designed to offer safety, strength, and durability, they are ideal for operations requiring high performance and reliability.

Key Product Features:

- Safety: equipped with an overload limiter;
- Motor power cutoff in case of excessive lifting/lowering to prevent accidents, via upper and lower limit switches;
- Duty cycle classification up to M6 (3m) to withstand long periods of operation in demanding environments, with reinforced structure and high-quality components;
- Electromagnetic disc brake;
- Safety monitoring system;
- Frequency inverters on trolley travel motors and an inverter option also for lifting motors, providing smooth acceleration ramps and greater safety, in addition to protecting the brake.



SINGLE GIRDER OVERHEAD

Crane Hoists Standard Hook Path: 9.0 m
Motorized trolley travel: (20.0 / 3.0 m/min)

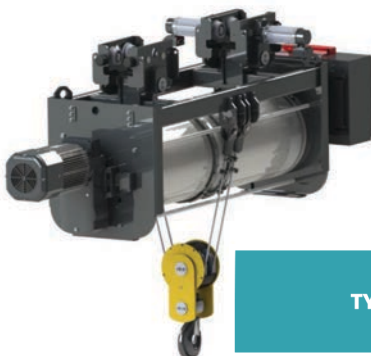
TYPE	Load Capacity (kg) x Speeds (m/min)									
	2.000	3.200	5.000	6.300	8.000	10.000	12.500	15.000	20.000	
Chain	12,0/2,0	9,6/1,6	9,6/1,6	9,6/1,6	9,6/1,6	9,6/1,6	6,0/1,0	6,0/1,0	6,0/1,0	
ISO/FEM Classification	M6/3m	M6/3m	M6/3m	M5/2m	M6/3m	M5/2m	M6/3m	M5/2m	M4/1Am	

DOUBLE GIRDER OVERHEAD CRANE HOISTS

Standard Hook Path: 9.0 m
Motorized trolley travel: (20.0 / 3.0 m/min) / (25.0 / 3.8 m/min)



TYPE	Load Capacity (kg) x Speeds (m/min)									
	10.000	15.000	20.000	25.000	32.000	40.000	50.000	63.000	80.000	
Chain	12,0/2,0	7,6/1,6	4,8/0,8	7,6/1,3	7,6/1,3	4,8/0,8	3,8/0,6	3,8/0,6	3,8/0,6	
ISO/FEM Classification	M5/2m	M5/2m	M6/3m	M6/3m	M5/2m	M6/3m	M6/3m	M5/2m	M4/1Am	



MONORAIL HOISTS

Standard Hook Path: 9.0 m
Motorized trolley travel: (20.0 / 3.0 m/min) / (25.0 / 3.8 m/min)
Optional: Hoist with double grooved drum

TYPE	Load Capacity (kg) x Speeds (m/min)									
	3.200	5.000	6.300	8.000	10.000	12.500	16.000	20.000	20.000	
Chain	19,2/3,2	9,6/1,6	9,6/1,6	9,6/1,6	9,6/1,6	9,6/1,6	7,6/1,3	4,8/0,8	4,8/0,8	
ISO/FEM Classification	M6/3m	M6/3m	M6/3m	M6/3m	M6/3m	M6/3m	M5/2m	M6/3m	M4/1Am	



MANUAL CHAIN HOISTS

Manual chain hoists are essential equipment for lifting and moving loads in various sectors, such as civil construction, industries, and workshops. Their main advantage is manual operation, which eliminates the need for power sources.

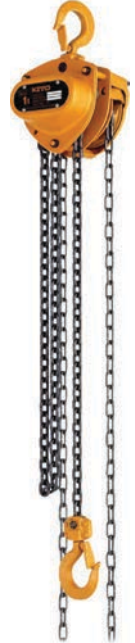
These are compact and robust pieces of equipment for material lifting, ensuring safety and efficiency in operation.

DUREN BY KITO MANUAL HOISTS

Key Product Features:

- Thick-walled steel casing, with the brake mechanism located in the core of the hoist, well protected by the casing;
- Dry-type, asbestos-free mechanical brake, offering excellent braking power and safety;
- Stops that prevent excessive lowering, stopping the load from being lowered too much and the chain from detaching from the mechanism. Load chains are made from a specially developed and heat-treated steel alloy.

Standard Hook Path: 3.0 m
 Optional: With Manual Trolley or Chain-Operated Mechanical Trolley
 Load Capacities: Up to 50,000 kg for the CB model



TYPE	Load Capacity (kg) x Chain Length to lift load 1m (m)					
	500	1.000	1.500	2.000	3.000	5.000
Chain	25	43	57	70	114	198



DUREN BY PLANETA MANUAL HOISTS

Key Product Features:

- The safety brake engages immediately when operation is interrupted, keeping the load secure in any position;
- The casings are made of steel, and the hook support and sheaves are cast steel, providing robustness and high resistance to the equipment. The PRO version can also be chrome-plated with anti-corrosion protection and an overload lockout system.
- High-quality, hot-dip galvanized load chain.

Standard Hook Path: 3.0 m
 Optionals:
 1) With Manual Trolley or Chain-Operated Mechanical Trolley
 2) Stainless Steel Casing and Chain
 3) Equipment for explosive atmospheres ("Ex Design")
 Load Capacities: Up to 10,000 kg for the PULLMASTER-II model. Versions in other models for load capacities up to 30,000 kg.

TYPE	Load Capacity (kg) x Chain Length to lift load 1m (m)					
	500	1.000	1.500	2.000	3.000	5.000
Chain	25,5	41,5	44,8	82,9	89,6	154,9



DUREN BY KITO PNEUMATIC HOISTS

Pneumatic hoists are the ideal solution for lifting operations that require high efficiency, safety, and versatility. Powered by compressed air instead of electricity, they ensure safe operation in potentially explosive or fire-hazardous environments.

Key Product Features:

- Unlimited duty cycle: the hoist can operate continuously, without risk of damage caused by too many starts per hour;
- Durable and self-adjusting brake;
- Upper and lower limit switches (standard), which prevent overtravel in the upward or downward directions;

Internal load limiter, which automatically stops lifting when the load exceeds the rated capacity (standard on TCR models above 500 kg);

- Variable speed control;
- Extremely fast lifting for applications where speed is critical (TCS Model).

TCR MODEL PNEUMATIC HOISTS

Standard Hook Path: 3.0 m
Optionals: Mechanical trolley or manual trolley



TYPE	Load Capacity (kg) x Lifting and Lowering Speed (m/min)					
	250kg	490kg	980kg	2.000kg	2.500kg	5.000kg
Chain	8,1/16,5	10,0/16,0	5,0/8,1	2,9/4,7	3,1/3,9	1,6/2,0
Air Consumption (m ³ /min)	0,9	1,7	1,7	1,7	2,5	2,5

TSC MODEL PNEUMATIC HOISTS

Standard Hook Path: 3.0 m
Optionals: Mechanical trolley or manual trolley



TYPE	Load Capacity (kg) x Lifting and Lowering Speed (m/min)		
	250kg	490kg	980kg
Chain	34,0/63,0	17,0/34,0	17,0/16,5
Air Consumption (m ³ /min)	2,1	2,1	2,1

Always valuing the quality of the products supplied and services provided, Duren Services - Multi-brand has a specialized team to meet customer requests regarding the following services:



EQUIPMENT ASSEMBLY

Through specialized techniques, equipment, and qualified professionals, Duren Services - Multi-brand can provide all the necessary support for equipment assembly with quality, safety, and agility.

Preventive and Corrective Maintenance

Duren Services - Multi-brand aims to ensure the operation and safety of material handling equipment from all brands through scheduled maintenance and repairs. We can also integrate indicators through the preventive maintenance contract for electric chain hoists, as per the items below:

Review of maintenance documents provided regarding the acquisition, manufacturing, preventive and corrective maintenance history of each piece of equipment, and commissioning;

- Determination of inspection frequency based on risk;
- Development and Implementation of Equipment Performance Indicators;
- Lists of pending or non-pending spare parts for material procurement;
- Creation of notes, initiation, and closing of service orders;
- Identification and specification of spare parts for purchase and other needs;
- Establish necessary resources and operational procedures for emergency service.

Technical Support

We offer technical assistance to customers who own material handling equipment such as: Electric chain hoists; Gantry cranes; Overhead cranes; Freight elevators; Jib cranes; Modular systems; among others.

Spare Parts

Having a stock of spare parts reduces delays, increases the maintenance team's efficiency, and boosts revenue. With this in mind, Duren Services - Multi-brand offers high-quality, high-performance spare parts for equipment at the best prices on the market.



A BRAZILIAN BRAND ESTABLISHED FOR OVER 30 YEARS!

Duren Industrial Equipment is one of the leading companies in the national market for developing solutions and manufacturing material handling equipment, with a strong emphasis on the automotive sector and general industry.

We have been providing services for industrial installations and material handling equipment since 1993. Our products and services are supplied to the "premium" market segment, which demands prerequisites of quality, reliability, and performance.

We have exclusive sales and service representatives throughout most of Brazil, in addition to our presence across the Americas.

Our factory boasts a flexible and complete production structure within a total area of 12,000 m².

Through our consultants, we listen to your needs and apply our extensive experience to provide practical solutions, ensuring all your problems are resolved with a high level of satisfaction. To achieve this, we rely on a highly experienced and competent project and engineering team, equipped with state-of-the-art technology.

We rigorously test our equipment so that our clients achieve the best cost-benefit ratio and the certainty of efficient and safe operations. All our processes are assured by ISO 9001:2015 certification.

MAIN MARKETS

Automotive
Food & Beverage
Maritime Areas (Ports)
Airports
Rubber and Plastics
Boiler Works
Cellulose

Ceramics
Logistics Centers
Cement
Iron and Steel Distribution
Foundry
Civil Construction
Metal

Mining
Marble and Granite
Molds
Sawmills
Metallurgical
Mechanical
Pneumatics

Chemical
Engine Rebuilding
Recycling
Steel Industry
Glass
Auto Parts
Machinery



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