



Founded in 1987, RAM Winch and Hoist Ltd. is a fully integrated Manufacturing Company, building Material Handling and Compression Equipment for On and Offshore applications and capable of satisfying the both the simplest and most sophisticated specifications.

As one of the world's a primary builder of air winches, RAM also offers Hydraulic, Electric and manually driven winches, hoists and crane systems in capacity ranges from 337 Lbs to 200 tons.



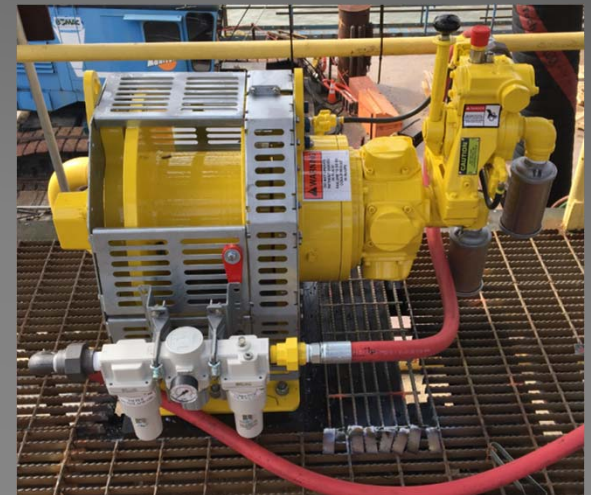
RAM Winch & Hoist Ltd based in Houston, Texas USA and with a reputation for excellence. Let RAM be your first source - solution your Material Handling and Compression applications.

14603 Chrisman Rd. Houston TX USA 70039 (281) 999-8665 WWW.RAMWINCH.COM

Standard Products for the Next Generation

RAM's "R" Series Air winches:

Ranging from 2 to 10 Ton - SWL



AIR WINCHES

“R” Series Product Line Chart



Model	Name	Line Pull at Rated Top-Layer		Line Speed at Rated Layer		Avg. Air Consumption		Motor		Line Storage – Standard Drum 24” Long with ½” flange Clearance		Primary Brake	Secondary Brake-Optional	Personnel Handling
		lbs.	kg	ft./min	m/min	SCFM	m ³ /min	#Cyls	HP	Wire Size (in)	Total (ft)	Drive Train Mounted	Drum Mounted	Dual Rated
R2P	Falcon	4,400	1,996	65	20	285	7.7	5	9	½”	2,000	Auto-Disc	Auto/Man	Optional
R2.5P	Lightning	5,000	2,495	110	34	700	19.8	5	20	½”	2,000	Auto-Disc	Auto/Man	Optional
R5P	Eagle	11,000	4,990	50	15	700	19.8	5	20	¾”	1450	Auto-Disc	Auto/Man	Optional
R5PT	Eagle-T	8,700	3,810	60	18	700	19.8	5	20	¾”	2,900	Auto-Disc	Auto/Man	No
R7P	Raptor	15,400	7,031	40	12	700	19.8	5	20	7/8”	1,200	Auto-Disc	Auto/Man	No
R7PT	Raptor-T	14,000	6,032	47	14	700	19.8	5	20	7/8”	2,000	Auto-Disc	Auto/Man	No
R10P	Hornet	22,000	8,211	36	11	900	25.4	5	40	1.0’	1,400	Auto-Disc	Auto/Man	No
R12P	Hawk	26,400	9,854	31	9	900	25.4	5	40	1.125”	1,200	Auto-Disc	Auto-Only	No
R15P	Osprey	33,000	12,317	24	7	900	25.4	5	40	1.25	700	Auto-Disc	Auto-Only	No

RAM “R” Series AIR WINCHES - 2 ton to 10 ton



“R” Series Product Line Chart Cross Reference to IR Infinity Series Air Winches

RAM Model	Name	Line Pull at Rated Top-Layer		Line Speed at Rated Layer		IR Model
		lbs.	kg	ft./min	m/min	
R2P	Falcon	4,400	1,996	65	20	FA2i
R2.5P	Lightning	5,000	2,495	110	34	FA2.5i
R5P	Eagle	11,000	4,990	50	15	FA5i
R5PT	Eagle-T	8,700	3,810	60	18	FA5iT
R7P	Raptor	15,400	7,031	40	12	FA7i
R7PT	Raptor-T	14,000	6,032	47	14	FA7T
R10P	Osprey	20,000	9,072	38	12	FA10i

All RAM “R” series winches are a Drop In replacement for the IR Infinity Series air winches.

These “R” series winches are CE Compliant and available with all modern features and benefits.

RAM Model: RP-150KGML



150Kg. - Load Limited, Personnel Rated Hoist

Certified “Drop In” Replacement for IR OEM - FA150 Air Hoist



Slack Line Sensor

Overload Protection

Power Loss Lowering

Upper & Lower Travel Limit Stops

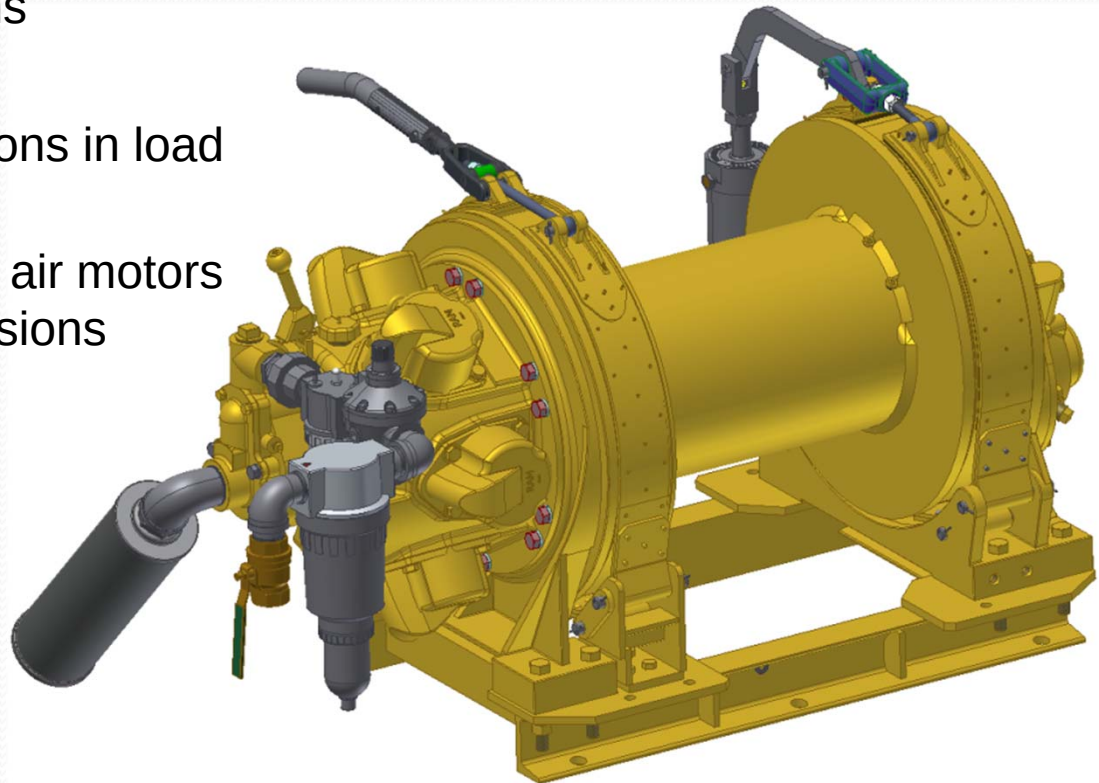
Ergonomic Operator Control Panel

Fully compliant with all known modern safety standards & requirements



Standard Products

- Offering a wide variety of packaged products to meet our customer's material handling needs.
- Offered in both Utility and Man Lift versions with a wide variety of local and remote control options
- ABS and DNV Certified
- Spanning 1.5 tons to 15 tons in load capacity
- Powered with Ram's own air motors in 4, 5, and 6 cylinder versions ranging from 10 to 35 hp.



Standard Products

- Load Limited Personnel Hoist ABS and DNV Certified
- Rated for 150 kg
- Grooved Drum for increased speed control and smooth operation
- Automatic Levelwind
- Dual Spring Set Brakes
- Slack Line Shut Down
- Upper and Lower Travel Limits
- Emergency Lowering capable with no external air source required
- Offered in Air Power as well as Hydraulic and Electric



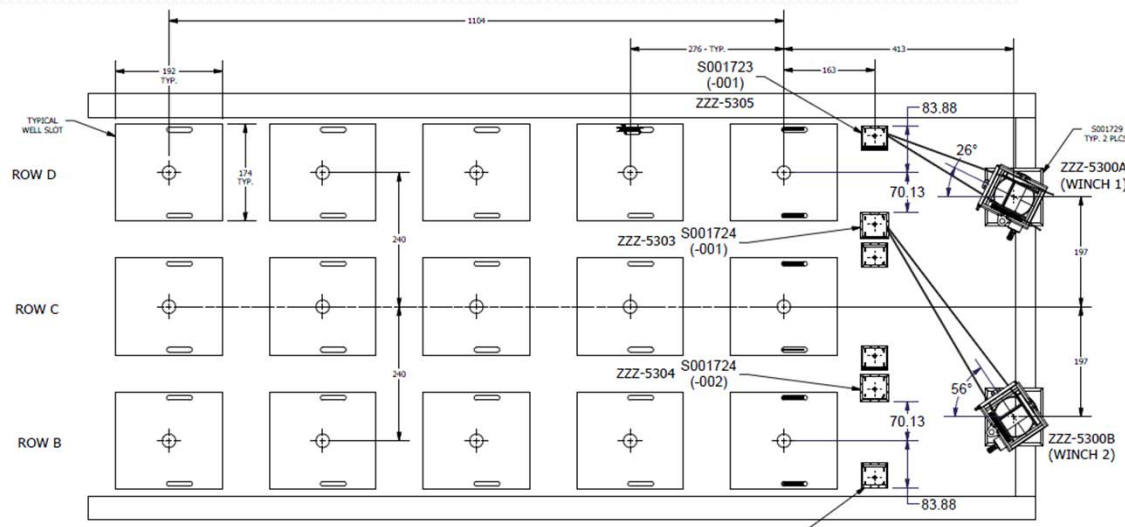
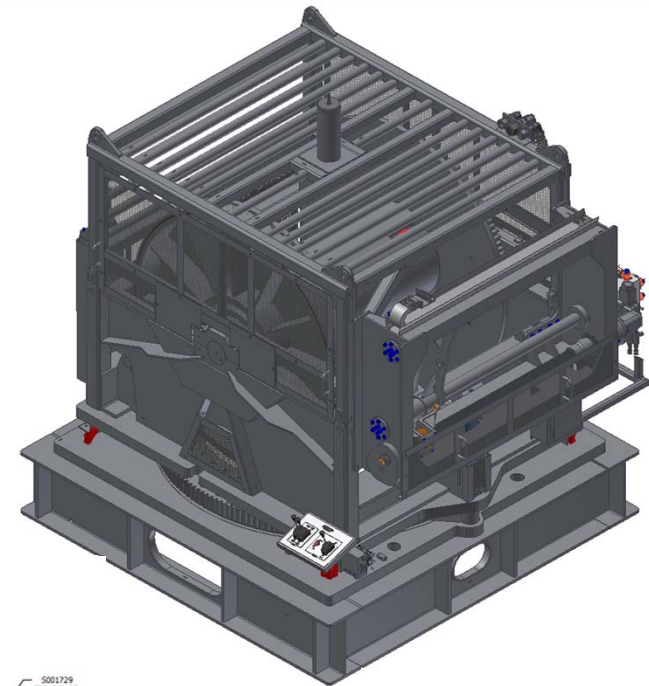
Standard Products

- Powered spoolers in storage capacities up to 10,000 ft of drill line
- Offered in Air Powered and Hydraulically Powered versions



Engineered Solutions

- Understanding our customer's applications
- Working with the customer to develop specifications
- Designing equipment to meet or exceed the customer's requirements.



Engineered Solutions

Guideline Winch System

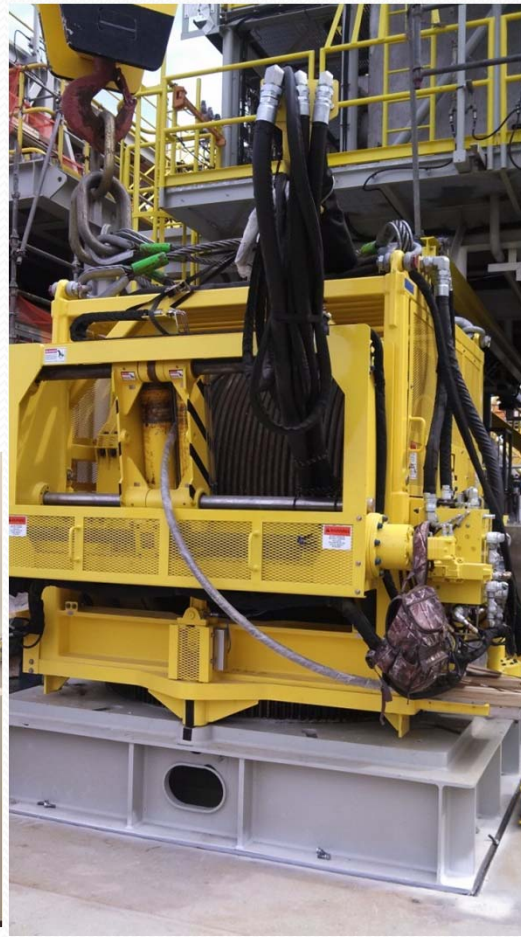
- Developing comprehensive manufacturing and quality plans.
- Manufacturing to meet the specifications.
- Quality verification throughout the process.



Engineered Solutions

Guideline Winch System

- Trained field service technicians to supervise installation
- On-site training for the customer's operators



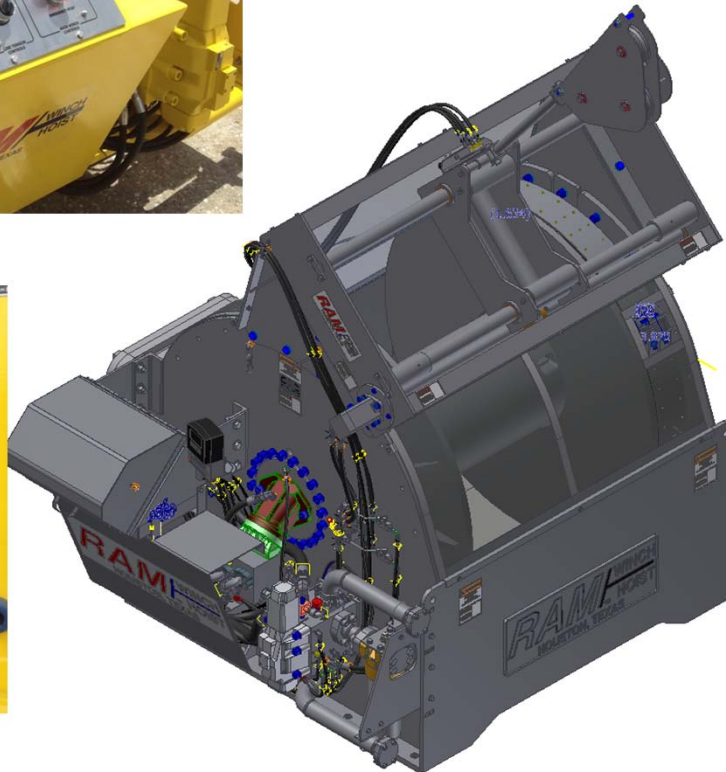
Engineered Solutions

Seafloor Access Skid



Engineered Solutions

Deep Reach Hydraulic Winch



Engineered Solutions

Electric Winches



- VFD Controlled
- Rated for Hazardous Area
- Utility and Personnel Rated

RAM Next Generation Classic Series Air Winch



RAM Models: K6U, K6UA, K6UL & K6UAL

Modern Upgrades for the world's most popular winch since 1957

RAM K6 Series Air Winches

Like all of RAM's "Reverse Engineered" series of air winches, the K6 is more rugged, tough and dependable than the original models introduced into the oil field back in 1957.

Built from low-temperature materials and fully capable of meeting current ABS, DNV or LR, Third Party certification requirements, the RAM K6 series air winches can handle any 5 ton capacity Drill Floor or Moonpool application found on today's modern Barge, Jack Up & Floating Rigs anywhere in the world.

Easy to work on and less expensive to maintain, the RAM K6 air winch uses 35 to 40% less air consumption to provide the same line pull and line speeds as any Generation of air winch currently found on the market.

All of these Upgrades are suitable for use on and IR OEM K6's as well as RAM OEM K6 series air winches built before 2024.

Upgrades include:

Modern CV3 Control Valves with Overload Protection & Emergency Shut Off

Disc Brakes, Drum Guards, Upper & Lower Travel Limit Switches

Available in standard utility and dual rated, utility and personnel models

Manual & Automatic Drum Mounted Brakes are still available.



Specifications: Performance is based on 90 psi (6.3 bar) air inlet pressure with motor running

Model	Line Pull at Rated Layer		Line Speed at Rated Layer		Drum Length	Avg. Air Consumption		Brake Configuration	Inlet Size	Shipping Weight	
	lbs	kg	ft./min	m/min	in	SCFM	m ³ /min		NPT	lbs	kg
K6UL-24MX1	10,000	4,536	66	20.1	24	450	12.74	Manual Drum	1 ¼	1,972	895
K6UL-24XK1	10,000	4,536	66	20.1	24	450	12.74	Internal Disc	1 ¼	1,972	895
K6UL-24MK1	10,000	4,536	66	20.1	24	450	12.74	Manual Drum and Disc	1 ¼	1,972	895

Custom & Application Specific Engineered Hoists & Winches



Like all the RAM's winches, our Engineered Custom winches & hoists are application specific, rugged, tough and dependable.

Built from low-temperature materials and fully capable of meeting current ABS, DNV or LRS, Third Party certification requirements, the RAM's winches can handle any application found on today's modern Floating Rigs and Production Platforms anywhere in the world.

Easy to work on and less expensive to maintain, this series of application specific winches is capable of working in water depths ranging from 2,000 to 13,000 feet.

Available in Single Speed, Two Speed, Infinitely Variable Speed and with Constant /Continuous Control Systems.

These hoist can be rated for working capacities in air , at the waterline or down at the Seabed.

[Click to Link to Gallery of Custom Built Winches and Hoists](#)



Chain Hoist and Trolleys

Capacities Ranging from 500 Lbs. (226 kg) to 125 tons (127,000 kg)



Chain Hoist for Onshore and Offshore Service

Manual, Air , Hydraulic or Electric powered, these chain hoist can work wherever you do.

Available right out of the box or with custom features like Spark Resistant materials of construction and special corrosion resistant paint, RAM's Chain Hoists are the right fit for your application.

Furnished in either Top Hook Mount, or Lug Mounted to plain, hand geared or motorized trolleys , these hoist are capable of meeting the envelop space requirements necessary to fit just about anywhere lifting gear is required.

For those maintenance and operations applications that require very low headroom, RAM can provide beam specific, integral trolley hoists that can fit into exceptionally tight spaces.

The length of lift or reach is variable and the hoists can be furnished with optional chain containers to prevent the unused chain from getting in the operators way.

Curved Monorails and Switches are not a problem as our hoists are available in a range of turning radius and swivel trolley configurations.

Available for Monorail and Bridge Crane Applications, RAM can provide all manner of accessories such a parking brakes, travel locking pins, rack & pinion drives as well as power supply festooning systems compatible with your environment and available space.



RAM Winch Remote Control Systems



RAM – Air, Hydraulic or Electric Remote Control Systems

RAM provides our customers with various choices of remote control systems required to suit a specific Onshore or Offshore application:

Designed to deliver truly proportional variable speed control and capable of both local and remote operation for both air and hydraulic winches.

Air & Hydraulic:

- ♦ Full Flow for shorter distances: 2 to 15 feet
- ♦ Pilot air or hydraulic signal operated controls for longer distances: 5 to 100 feet
- ♦ Electric operated , electric over air or electric over hydraulic for any distance.

Select from the following Operator Choices:

- ♦ Hand Held Pendants
- ♦ Small Enclosures; Stationary or Portable
- ♦ Radio Controls-Hand Held & Neck or Shoulder supported Portable Consoles
- ♦ Stationary Pedestal Control Consoles

Please note:

The use of remote controls prohibits the use of free spooling clutches or manual brakes

