



YUTANI AIR MOTOR
AIR WINCH

YUTANI CORPORATION

油谷エアウインチの特徴

■ゆとりの設計!

ゆとりのある設計により能力以上の力を発揮します。

■安全重視の設計!

給気ストップ時にはエアブレーキが自動的に作動。非常時にも安心です。

■耐久性抜群!メンテナンスフリー!

長年の技術と考え抜かれた設計に裏付けされた抜群の耐久性。

■操作は簡単!

起動、停止は円滑、運転中の速度調整も自由自在。

■コンパクトで軽量!

多翼式ロータリエンジン採用で高能率化。
斬新な減速機構で軽量コンパクト化。

FEATURES OF YUTANI AIR WINCHES

■ Ample Safety Factor!

Yutani Air Winches perform more than their capacity thanks to their ample safety factors.

■ Safety-Proof Design!

An air braking device automatically functions when air supply is stopped. This automatic braking device avoids danger in emergency.

■ Long Life! Maintenance Free!

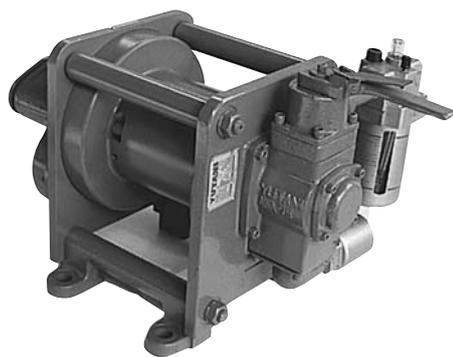
Yutani's long experience and advanced "know-how" assure you of excellent durability. You can rely on Yutani Air Winches.

■ Easy Operation!

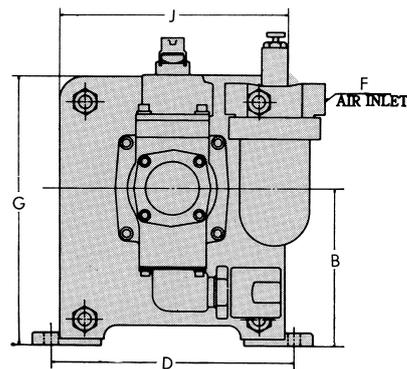
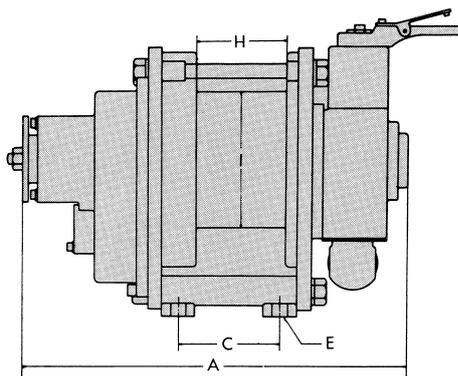
Quick to start or stop. Easy to control the rotation speed during operation.

■ Light and Compact!

High efficiency with multi-vane rotary engine. Light weight and compact in size with unique reduction gear system.



AWA-75A



■仕様〈SPECIFICATIONS〉

Model	Air Pressure MPa	Capacity kg	Rope Dia.×Length mm×m	Rope Speed m/min	Air Consumption m ³ /min(ANR)	Mass kg	Hose Diameter mm
AWA 50A	0.59	50	4×50	45	0.8	25	12.7
AWA 75A	0.59	75	6×30	45	0.8	26	12.7
AWA 75LA	0.59	75	6×50	45	0.8	33	12.7
AWA 100A	0.59	100	6×50	35	0.8	33	12.7

■主要寸法 〈DIMENSIONS〉

〈mm〉

Model	A	B	C	D	φ E	Rc(PT)F	G	H	φ I	J
AWA 50A	341	160	90	210	13.5	1/2	260	80	120	200
AWA 75A	341	160	90	210	13.5	1/2	260	80	120	200
AWA 75LA	396	160	139	215	16.5	1/2	260	135	120	200
AWA 100A	396	160	139	215	16.5	1/2	260	135	120	200

※ロープ取付は別途です。 ※Wire rope is not included and it will be offered separately.

エアウインチAWA型

■用途

ユタニエアウインチの優秀な性能により次のようなところで有効かつ広範囲に使用されております。

- 造船所、船舶内
- 鉱山
- 産業機械工場
- 一般土木建築業

■型式名の説明

AWA 75 LA



AIR WINCHES AWA TYPE

■APPLICATIONS

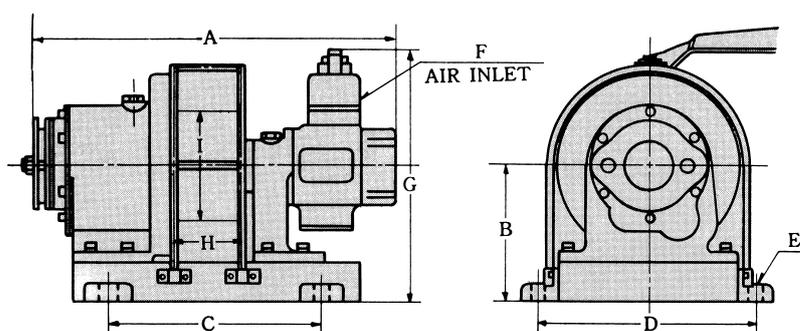
All features of Yutani Air Winches warrant versatile and successful applications such as:

- Ship-building yards and ships
- Mining fields
- Industrial machinery plants
- Construction works

■DESCRIPTION OF TYPE



AWA-500A



■仕様 <SPECIFICATIONS>

Model	Air Pressure MPa	Capacity kg	Rope Dia. X Length mm X m	Rope Speed m/min	Air Consumption nl/min (ANR)	Mass kg	Hose Diameter mm
AWA 150A	6	150	6×30	30	1.5	40	12.7
AWA 150LA	6	150	6×70	30	1.5	66	12.7
AWA 250A	6	250	8×30	20	1.7	60	12.7
AWA 250LA	6	250	8×100	20	1.7	67	12.7
AWA 500A	6	500	10×70	10	2.0	115	19.0
AWA 500LA	6	500	10×100	10	2.0	130	19.0

■主要寸法 <DIMENSIONS>

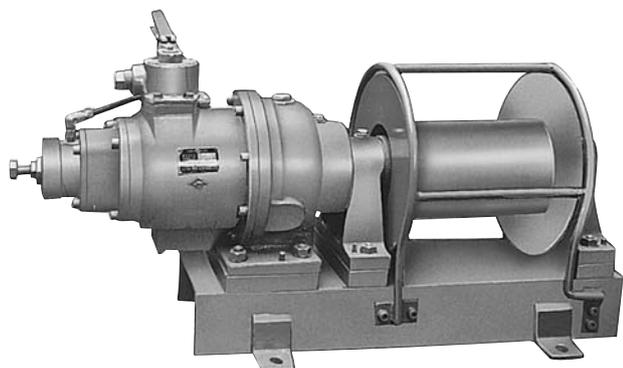
<mm>

Model	A	B	C	D	φ E	Rc(PT)F	G	H	φ I
AWA 150A	397	132	240	240	16.5	1/2	242	67	120
AWA 150LA	435	155	250	240	16.5	1/2	265	100	120
AWA 250A	440	203	280	350	16.5	1/2	320	86	140
AWA 250LA	620	203	380	360	16.5	1/2	320	260	140
AWA 500A	610	248	380	360	18.5	3/4	384	180	150
AWA 500LA	670	218	440	360	18.5	3/4	384	240	150

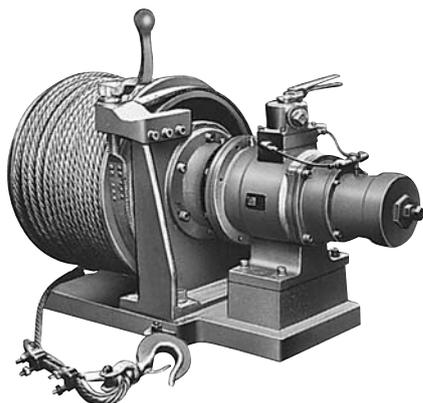
※ロープ取付は別途です。 ※Wire rope is not included and it will be offered separately.

エアウインチR型

3R、5R、10R型はロータリエンジンを駆動し、特殊の減速機構を用いて、適当な速度をだすように設計されています。本機種も小型にして出力強大、取扱容易、耐久性にすぐれ、各種工場、造船所、鉱山などに使用され、好評を得ている、安全かつ高効率な機器であります。本機には自動停止ブレーキ装置を内臓し、指定荷重を安全に支持するのを保証いたします。



5-RBH

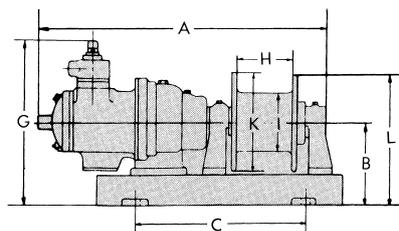


10RKHC

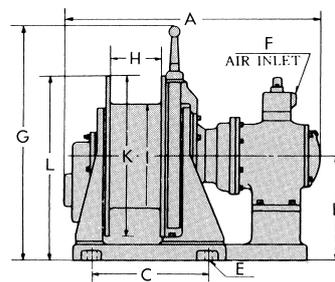
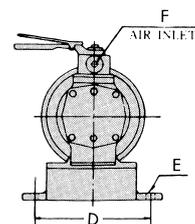
AIR WINCHES R TYPE

The YUTANI models 3R, 5R, and 10R Winches are driven by rotary engine and special reduction gear mechanism to accomplish the most adequate wire speed for elevating and lowering the loads. These models are designed compact yet having powerful handling capacity.

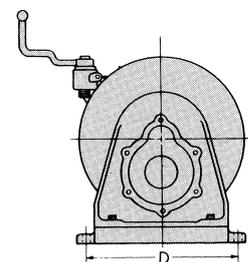
Facile handling and maintenance plus long durability features the YUTANI Winches providing convenient and versatile applications in factories or plants of various industries, ship-building yards, mine fields, etc. The maximum safety and efficiency are guaranteed. By automatic braking function, the loads are to be securely held when the air supply is stopped.



3-RH or 5-RBH



10R



仕様 <SPECIFICATIONS>

Model	Air Pressure MPa	Capacity kg	Rope Dia. X Length mm X m	Rope Speed m/min	Air Consumption ml/min (ANR)	Mass kg	Hose Diameter mm
3-RH	0.59	500	10×30	8	2.5	96	19.0
5-RBH	0.59	1,500	12×50	6	2.6	120	25.4
10-RKC	0.59	2,000	16×46	10	4.2	260	25.4
10-RKHC	0.59	2,000	16×100	10	4.2	310	25.4
10-RSC	0.59	2,500	18×40	7	4.2	260	25.4
10-RSHC	0.59	2,500	18×80	7	4.2	310	25.4

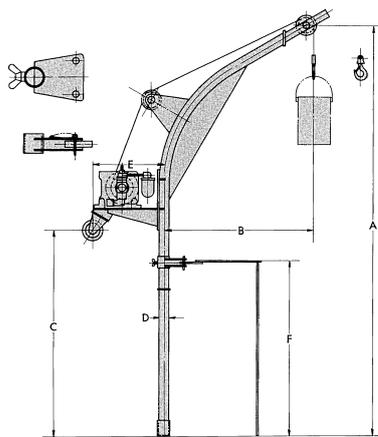
主要寸法 <DIMENSIONS>

<mm>

Model	A	B	C	D	φ E	Rc(PT)F	G	H	φ I	φ K	L
3-RH	730	175	600	248	17	3/4	315	130	150	250	300
5-RBH	790	210	400	260	17	3/4	380	220	130	252	335
10-RKC	925	298	333	430	20	1	615	144	290	460	528
10-RKHC	1,084	298	492	430	20	1	615	300	290	460	528
10-RSC	925	298	333	430	20	1	670	144	290	460	528
10-RSHC	1,084	298	492	430	20	1	670	300	290	460	528

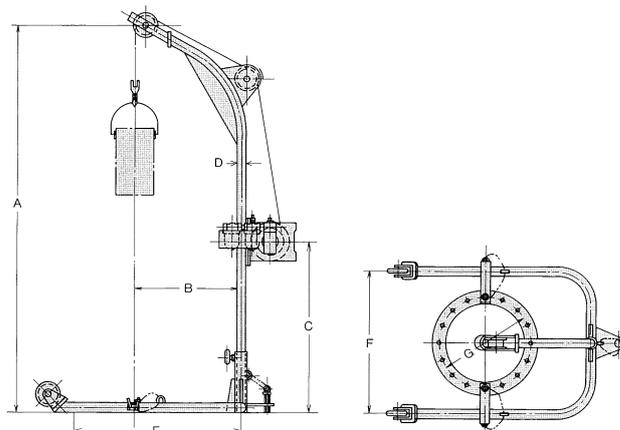
※ロープ取付は別途です。 ※Wire rope is not included and it will be offered separately.

D型〈D Type〉



D型 〈D Type〉

E型〈E Type〉



E型 〈E Type〉

仕様 〈SPECIFICATIONS〉

Model		Air Pressure MPa	Capacity kg	Rope Dia. ×Length mm×m	Rope Speed m/min	Air Con- sumption m ³ /min (ANR)	Mass		Hose Diameter mm
D Type	E Type						D Type kg	E Type kg	
AWA 50D-11	AWA 50E-11	0.59	50	4×50	45	0.8	90	63	12.7
AWA 75D-11	AWA 75E-11	0.59	75	6×30	45	0.8	90	63	12.7
AWA 75LD-11	AWA 75LE-11	0.59	75	6×50	45	0.8	98	68	12.7
AWA 100D-11	AWA 100E-11	0.59	100	6×50	35	0.8	100	69	12.7
AWA 150D-11	AWA 150E-11	0.59	150	6×30	30	0.8	120	80	12.7
AWA 150LD-11	AWA 150LE-11	0.59	150	6×70	30	0.8	135	85	12.7

主要寸法 〈DIMENSIONS〉

〈mm〉

Model	A	B	C	φ D	E	F
AWA 50D-11	2,500	900	1,250	40	450	1,070
AWA 75D-11	2,500	900	1,250	50	450	1,070
AWA 75LD-11	2,500	900	1,250	50	450	1,070
AWA 100D-11	2,500	900	1,250	50	450	1,070
AWA 150D-11	2,500	900	1,250	65	500	1,070
AWA 150LD-11	2,500	900	1,250	65	500	1,070

〈mm〉

Model	A	B	C	φ D	E	F	φ G
AWA50E-31	2,000	500	900	40	765	620	480
AWA75E-31	2,000	500	900	40	765	620	480
AWA75LE-32	2,000	500	900	40	765	620	480
AWA100E-31	2,000	600	900	40	800	620	480
AWA150E-31	2,300	500	1,000	50	765	620	480
AWA150LE-32	2,300	500	1,000	50	765	620	480

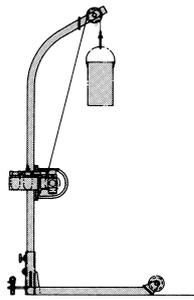
上記寸法は一例でありますので、ご注文の際は取付寸法をご指示下さい。
The above dimensions are typical examples. Please specify required dimensions with order.

エアウインチダビット型

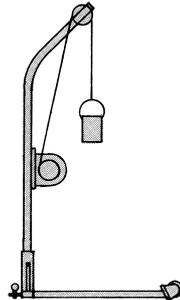
油谷式ダビットはAWA-50A,75A,75LA,100A,150A,150LA型ウインチと組合せてタンカー等におけるスラッジを船底より甲板上に引揚げる作業に使用する機器です。船舶雑用ウインチとしても広く利用されております。

ダビットには馬蹄型(B型、C型、E型)と差込型(D型)があり、一人で運搬し、一人で操作して、船上での作業の高効率を得ることができます。

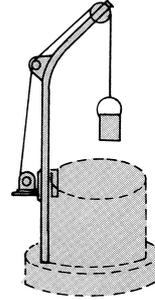
■型式名の説明<DESCRIPTION OF TYPE>



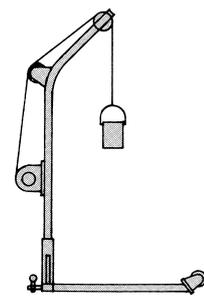
B型 <B Type>
馬蹄型<U-shaped Type>



C型 <C Type>
馬蹄型<U-shaped Type>

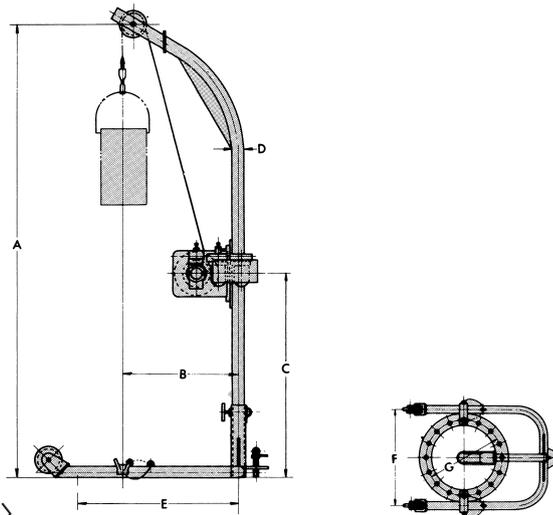


D型 <D Type>
差込型<Attachment Type>



E型 <E Type>
馬蹄型<U-shaped Type>

B型・C型<B Type・C Type>



■仕様<SPECIFICATIONS>

Model	Air Pressure MPa	Capacity kg	Rope Dia.×Length mm×m	Rope Speed m/min	Air Consumption m ³ /min (ANR)	Mass kg	Hose Diameter mm
AWA50C-21	6	50	4×50	45	0.85	63	12.7
AWA75C-21	6	75	6×30	45	0.85	63	12.7
AWA75LC-22	6	75	6×50	45	0.85	68	12.7
AWA100C-202	6	100	6×50	35	0.85	69	12.7
AWA150B-22	6	150	6×30	30	1.5	80	12.7
AWA150LB-22	6	150	6×70	30	1.5	85	12.7

■主要寸法<DIMENSIONS>

<mm>

Model	A	B	C	φ D	φ E	F	φ G
AWA50C-21	2,000	500	900	40	765	620	480
AWA75C-21	2,000	500	900	40	765	620	480
AWA75LC-22	2,000	500	900	40	765	620	480
AWA100C-202	2,000	600	900	40	800	620	480
AWA150B-22	2,300	500	1,000	50	765	620	480
AWA150LB-22	2,300	500	1,000	50	765	620	480

上記寸法は一例でありますので、ご注文の際は取付寸法をご指示下さい。
The above dimensions are typical examples. Please specify required dimensions with order.

AIR WINCHES DAVIT

The YUTANI DAVIT is coupled to the YUTANI AWA-50A, 75A,75LA, 100A,150A or 150LA Air Winch for hoisting "sludges" from the bottom of the tankers, etc. to the deck level. It is widely applied to multi-purpose ship winches.

The DAVIT is provided with two models-U-shaped type (B,C,E Types)and Attachment type (D Type). Both models can be moved and handled by a single operator to assure the enhanced efficiency in operations on ships.