



AIRAVAT



YOUR **TRUSTED**
PARTNER IN
ROTATOR
EXCELLENCE

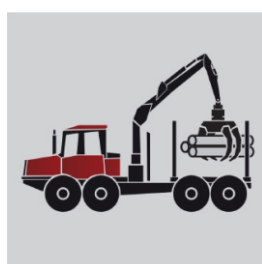


AIRAVAT

NEVER
COMPROMISING THE
EXCELLENT
QUALITY OF OUR
PRODUCT



APPLICATIONS



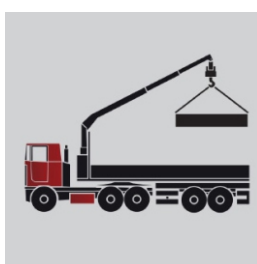
FORESTRY



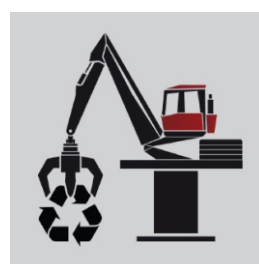
CONSTRUCTION



DEMOLITION



TRANSPORT



RECYCLING



AIRAVAT

HYDRAULIC ROTATOR



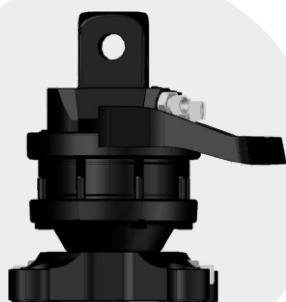
AR10



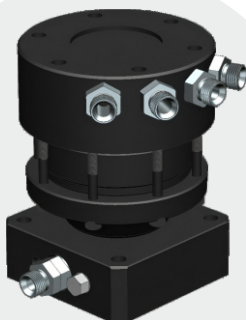
AR30A



AR30F



AR30F1



AR30FF



AR45



AR45F



AR45F1





AIRAVAT

HYDRAULIC ROTATOR



AR45FF



AR60



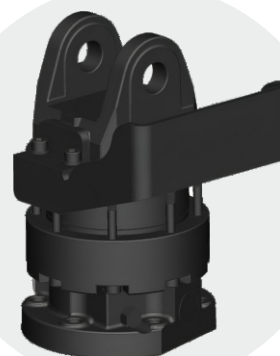
AR60C



AR60D



AR100B



AR160A

HYDRAULIC ROTATOR - TECHNICAL DATA

PART NAME	ROTATION	MAX. AXIAL LOAD STATIC	MAX. AXIAL LOAD DYNAMIC	TORQUE	REC. OILFLOW
AR10	Unlimited	10 kN (2250 lbf)	5 kN (1125 lbf)	450 Nm (332 lb ft)	10 l/ min
AR30A	Unlimited	30 kN (6745 lbf)	15kN (3372 lbf)	1000 Nm (738 lb ft)	20 l/ min
AR30F	Unlimited	30 kN (6744 lbf)	15 kN (3371 lbf)	1000 Nm(738 lb ft)	20 l/ min
AR30F-1	Unlimited	30 kN (6745 lbf)	15 kN (3372 lbf)	1000 Nm (738 lb ft)	20 l/ min
AR30FF	Unlimited	30 kN (6745 lbf)	15 kN (3372 lbf)	1000 Nm(738lb ft)	20 l/ min
AR45	Unlimited	45 kN (10118 lbf)	25 kN(5621 lbf)	1100 Nm (811 lb ft)	20 l/ min
AR45F	Unlimited	45 kN (10118 lbf)	25 kN(5621 lbf)	1100 Nm (811 lb ft)	20 l/ min
AR45F-1	Unlimited	45 kN (10118 lbf)	25 kN(5621 lbf)	1100 Nm (811 lb ft)	20 l/ min
AR55FF	Unlimited	+45-34 kN (10116 -7643 lbf)	+25-17 kN (+5620 -3821 lbf)	1300 Nm (959 lb ft)	22 l/min
AR60	Unlimited	60 kN (13491 lbf)	30 kN (6745 lbf)	1800 Nm (1328 lb ft)	25 l/min
AR60C	Unlimited	60 kN (13491 lbf)	30 kN (6745 lbf)	1800 Nm (1328 lb ft)	25 l/min
AR60D	Unlimited	60 kN (13491 lbf)	30 Kn (6745 lbf)	1800 Nm (1328 lb ft)	25 l/min
AR100B	Unlimited	+100 -80 kN (+22485 -17985 lbf)	+50 -40 kN (+11242-8992 lbf)	2500 Nm (1844 lb ft)	25 l/min
AR160A	Unlimited	+160 -90kN (+35976 -20236 lbf)	+80 -45 Kn (+17988 -10118 lbf)	3400 Nm (255 lb ft)	40 l/min

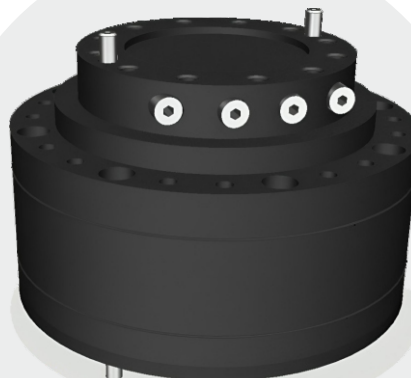


AIRAVAT

INDUSTRIAL ROTATOR



AR100



AR140



AR330



AR330-1

INDUSTRIAL ROTATOR - TECHNICAL DATA

PART NAME	ROTATION	MAX. AXIAL LOAD STATIC	MAX. AXIAL LOAD DYNAMIC	MAX. REDIAL LOAD	TORQUE	ROTATION SPEED	WEIGHT
AR100	Unlimited	±100 KN [22481 lbf]	±50 KN [11240 lbf]	36 KN [8093 lbf]	1350 Nm [996 lbft]	max 30 rpm	46 kg [101 lb]
AR140	Unlimited	±140 KN [31473 lbf]		100 KN [22481 lbf]	4500 Nm [3319 lb ft]	max 25 rpm	160 kg [354 lb]
AR150	Unlimited	±150 KN [33721 lbf]		110 KN [24729 LBF]	4500 Nm [3319 lb ft]	max 25 rpm	167 Kg [367 lb]
AR330	Unlimited	±330 KN [74187 lbf]	±80 KN [17985 lbf]	60 KN [13489 lbf]	3000 Nm [2213 lb ft]	max 30 rpm	92 kg [203 lb]
AR330-1	Unlimited	±330 KN [74187 lbf]	±90 KN [20233 lbf]	70 KN [15737 lbf]	3000 Nm [2213 lb ft]	max 30 rpm	91 kg [201 lb]



AIRAVAT

LINKS



AR-L3



AR-L4.5



AR-L5.5



AR-L10



AR-L16



LINK - TECHNICAL DATA

PART NAME	MAX. AXIAL LOAD DYNAMIC	WEIGHT
AR - L3	3 ton (30 kN) (6744 lbf)	3.7 kg (8.3 lb)
AR-L4.5	4.5 ton (45 kN) (10116 lbf)	5.1 kg (11.3 lb)
AR-L5.5	5.5 ton (55 kN) (12364 lbf)	5.7±0.5 kg (12.57±1.10 lb)
AR-L10	10 ton (100 kN) (22485 lbf)	16±0.5 kg (35.3±1.1 lb)
AR-L16	16 ton (160 kN) (35976 lbf)	21±1 kg (45.2±2.2 lb)



AIRAVAT

TILT HITCH

Fully guarded hoses

Compact design
— improving machine performance

Triple sealed
actuator

Up to
180°



TILT HITCH - TECHNICAL DATA

MODEL	COUPLER SIZE	TILT RANGE	CAPACITY
ATH8	Manual Draw Pin	180°	8 Ton
ATH8-1	Hydraulic	180°	8 Ton



AIRAVAT

-  **Tatvamasi Engineering Pvt. Ltd.**
Survey No. 216, Plot No. 1/2,
Nr. Ribda Railway Station, Gundasara,
Gondal - 360 311, Dist. Rajkot, Gujarat.
-  +91 63589 22209
-  info@airavatrotator.com
-  www.airavatrotator.com