





### Integrity

- Communicate openly and sincerely, at all levels of the organization
- Trustworthy and honest in our day to day activities
- Conduct ourselves in a moral, ethical manner at all times
- Accountable within and outside the organization for our actions and words

### Compassion

- Consider the consequences of our actions and words
- Respectful of others, displaying benevolence and sharing our success with others in our community

### Unity

- Dedicated and committed team contributing to the success of our company and to each member of our team
- Loyal, and dedicated to achieving common goals and objectives
- Pursue consensus because we recognize that the opinion of our colleagues are important and valuable to the success of the company



**WORLDWIDE** 

REGGIANA RIDUTTORI

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#### **RR INDIA**

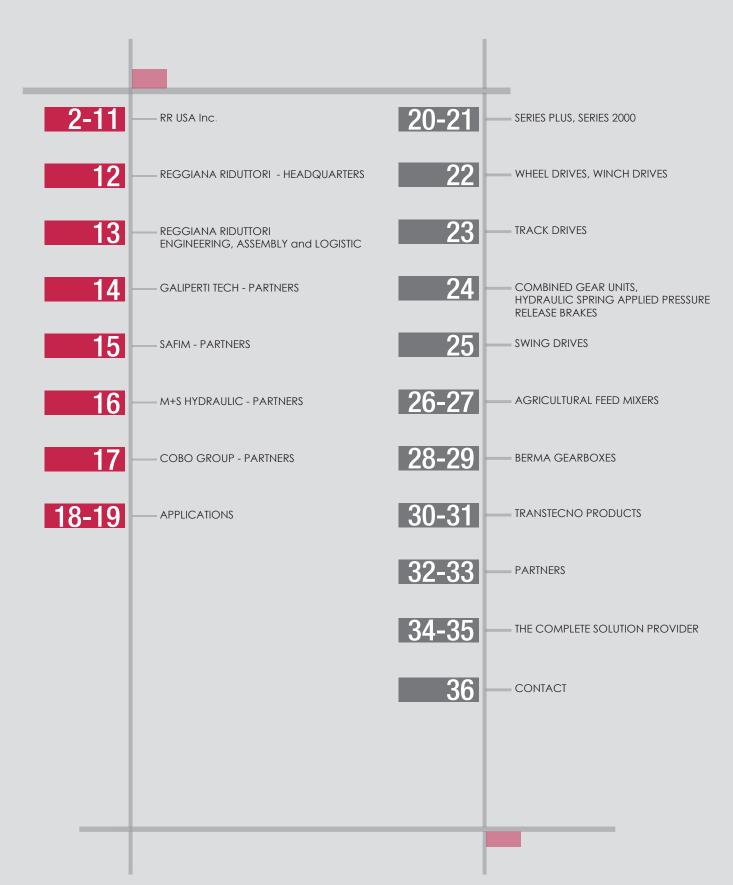
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### **NORTH AMERICAN LOCATIONS**

Since 1985, **RR USA Inc.** has supplied the North American market a variety of mechanical, hydraulic, and electrical components used in several industry fields.

There are currently three locations in North America and a network of affiliated locations worldwide. Our services include stocking, package assemblies, repair, engineered solutions, design, product development and component selection.

### **8 CREEK PARKWAY HEADQUARTERS**



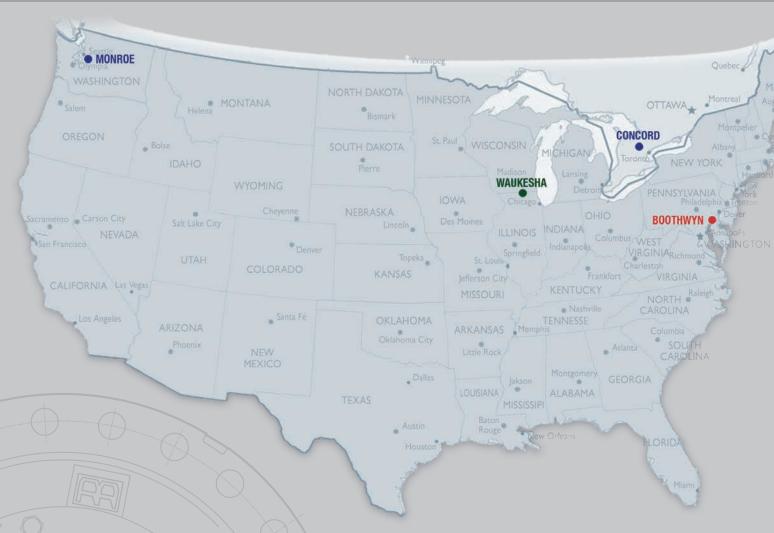
**RR USA Inc.** achieves excellence by streamlining process development and combining individual component into complete packages.

RR USA Inc. implements the principles of "lean thinking" in order to offer our customers an enduring competitive advantage. We work to reduce costs and labor by utilizing parts standardization, minimizing pieces, offering quick prototyping.





**CANADIAN BRANCH** 



### **HEADQUARTERS**

### RR USA Inc. HEADQUARTERS

8 CREEK PARKWAY BOOTHWYN, PA 19061-8136 Ph. (610) 497-0154 Fax (610) 497-6085 e-mail: info@rrusainc.com www.rrusainc.com

### **BRANCHES**

### RR USA Inc. WEST COAST BRANCH

14561 Fryelands Blvd SE MONROE, WA - 98272 Ph. (360) 863-1300 Fax (360) 863-1303 e-mail: ksowell@rrusainc.com

#### RR CANADA Inc.

51B Caldari Road, Unit 10 CONCORD, ON. L4K 4G3 Ph. (905) 761-0762 Fax (905) 761-9265 e-mail: info@rrcanadainc.com

### SALES OFFICE

### RR USA Inc. MIDWEST BRANCH

148 Wisconsin Ave. Suite 210 WAUKESHA, WI - 53186 Ph. (262) 547-6007 Fax (262) 547-6008 e-mail: rrusa@att.net RR USA Inc.



RR USA Inc is a company devoted to working with our customers by delivering competitive quality products, and turnkey power solutions. We are proud to deliver products manufactured to the highest possible standards and maintain an ongoing commitment to quality, performance, and technology.





When working with RR USA Inc our customers receive the highest level of service. Our team is staffed with professional and well trained associates, ready and available to provide solutions for all engineering, sales, inventory, purchasing, logistics, and accounting inquiries.



RR USA Inc stocks over 20.000 parts in three locations enabling "made to order" custom assemblies. The warehouse also houses complete assemblies for JIT shipments to our OEM customers.





### **REGGIANA RIDUTTORI**

THE HEADQUARTERS



### **REGGIANA RIDUTTORI**

**ENGINEERING, ASSEMBLY and LOGISTICS** 

**REGGIANA RIDUTTORI** was founded by the vision and insight of Mr. Franco Albarelli in 1973, and since its inception has been headquartered in San Polo d'Enza, located in Northern Italy near the town of Reggio Emilia. The headquarters is comprised of a state of the art manufacturing layout and machining centers, while housing management, sales, accounting, customer service and a stringent quality department. While being a world class designer and manufacturer of planetary gear-



boxes and planetary wheel drives Reggiana Riduttori an ISO 9001 certified registered company is proud to have a global footprint with 4 locations in Europe, 3 locations in North America, 1 location in South America, and 3 in the Far East and Pacific Regions. Some of the most up to date tools used by their engineering department to perform product verification, testing and design include AutoCad with Top10 add-in, with parts-tree, tools and libraries, data & drawings for database management, Inventor 2012 Pro, COSMOS to perform FEM structural analysis, KissSoft gear verification in both ISO 6336 and AGMA 2001-C95. Reggiana Riduttori's headquarters rests on a floor plan area which covers 160.000 sq-ft.





















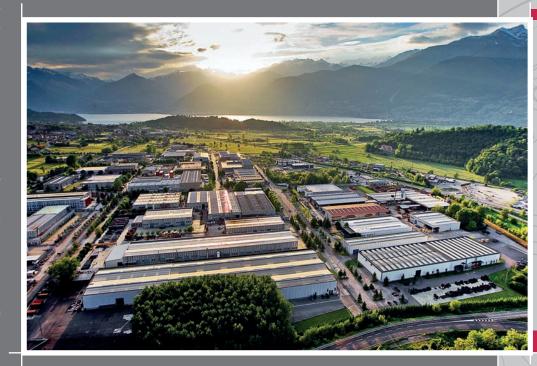
### **PARTNERS**

of the Galperti Group of Companies which has a global presence; their products are sold in a variety of different industries and applications, such as oil & gas, energy, environmental, forestry, marine, construction, industrial and mining. The structure of Galperti Group allows Galperti Tech to operate as a vertically in-



of materials to manufacture slewing bearings which only come from European selected steel mills, and are an ISO 9001 certified company. Galperti Tech manufactures excellence in medium to large size slewing bearings using state of the art design, manufacturing and testing methods. They maximize the value of their senior engineers' experiences and knowledge by utilizing and the most reliable calculation software programs.

Design verifications are performed by using the most modern CAD/CAM design tools and FEA analysis programs while fully integrated server based computer systems are used to allow manufacturing control on all phases of supply chain survey and project management. Galperti Tech has the ability to provide on request specific application approval certifications, according to the following certification standards: Lloyds Register, DNV, BV, TUV, API, and ABS. Their headquarters are located in Colico, just north of Milano in Northern Italy.





**SAFIM** was founded in 1977 by Eronne and Omer Mamei. They started out as a small fabrication shop with the insight at that time to recognize an opportunity to enter into the construction machine industry, developing and bringing to market more effective and efficient braking systems. Their cutting-edge mentality allowed them to replace a common master cylinder with an air operated booster with a more efficient and effective master cylinder with a hydraulic servo booster. From that point on SAFIM has seen sustained growth and taken

its rightful place as a world class brake valve(s) manufacturer globally, and in today's market is considered one of the largest and most trusted suppliers to a variety of OEM customers and all the different types of self propelled machine applications that exist. Their concentration and expertise along with several years of experience lies in applications within the Construction Machine Industry, Agricultural Equipments, Material Handling, Tug Tractors, and Transportation. The plant is located in Modena, Northern Italy, and has a floor plan of 125,000 sq-ft. SAFIM engineers work closely with customers to develop specific products in an effort to meet or exceed expectations, by utilizing the most modern engineering tools, performing FEA analysis, and providing 2D, 3D and



exploded view drawings. SAFIM has been an ISO 14001 certified company for over a decade. Each product goes through a rigorous 100% testing procedure prior to shipping to customers, with all documented records for traceability available upon request.





### **PARTNERS**

From its humble beginnings in 1963 manufacturing hydraulic systems and components in a small town of Kazanluk, Bulgaria M+S HYDRAULIC was founded. In 1981 they started producing low speed high torque planetary hydraulic motors under the license of a reputed hydraulic component manufacturer out of Denmark, Europe which lasted through 1986. Today M+S HYDRAULIC celebrates its 50th Anniversary, and is recognized worldwide as a leading manufacturer of hydraulic motors, steering valves, steering columns, valves, brakes and accessories both in METRIC and SAE versions. From its modest origination M+S HYDRAU-



LIC in today's market is proud to be considered among the first 100 largest companies in Bulgaria by revenue, and is included in 3 of Dow Jones Wilshire Indices. The Company's mission is to achieve the utmost customer satisfaction by providing the highest quality possible, with the most competitive advantages, in a comprehensive range of hydraulic components, with unsurpassed service. The plant is equipped with the most modern CNC machining centers, using CAD/CAM technology, special purpose machines to satisfy the specific needs of M+S HYDRAULIC's designs, a new state of the art computerized heat treatment processing line, chemical & metallographic labs, automatic testing benches, and dedicated assembly lines for each of the products. The Engineering Department is at the forefront of today's markets requirements

so they can better serve and design products to the highest and most modern designs available in today's market by utilizing tools that include AutoCAD, Solid Works, 2D, 3D and exploded view drawings. M+S HYDRAULIC has a global distribution network. They also have the proud distinction of being the first company in Bulgaria to achieve ISO 9001 certification, under the most strict and rigorous certification firms such as OHSA 18001:2007, ISO 14001:2004, and GOST. Over the years the factory has grown to house a 510,000 sq-ft facility and in 2012 their production output reached 450,000 pieces, while proudly employing a workforce of over 1000 employees.





**COBO** was founded in 1949 and is considered one of the largest manufacturers of cab components worldwide. The company is comprised of 11 different plants each operating under its own brand name, but strategically working together, sharing their knowledge on electrical and electronic components, manufacturing technologies and processes with one common goal. COBO separates itself from any other manufacturer operating in within the same industry, by not only developing products, but being capable of providing complete systems and software integration along with the most modern, ergonomic and aesthetically appealing artwork designs. They have a vast product offering which includes gauge clusters and displays, seats, complete module columns, steering wheels, lighting products, various electrical and electronic components, wiring harnesses, and software program-

ming tools. COBO has a global footprint, which allows for operation in various markets, such as on the road vehicles, off-the road vehicles, construction machines, agricultural machines, military vehicles, and material handling vehicles. COBO invests a consistent amount of resources every year to remain a leader within the industry by developing new products, and expanding and enhanc-



ing their manufacturing processes. Their R&D department uses the most advanced engineering tools available, CAD, PRO-E, CATIA, PRO-CABLING, global software with international standards IEC 61131-3, "C", CODESYS, VISUAL B. COBO is an ISO 14001 certified company, with a 40,000 sq-ft facility located in Reggio Emilia, Northern Italy, employing over 1000 employees worldwide.



RR USA Inc.

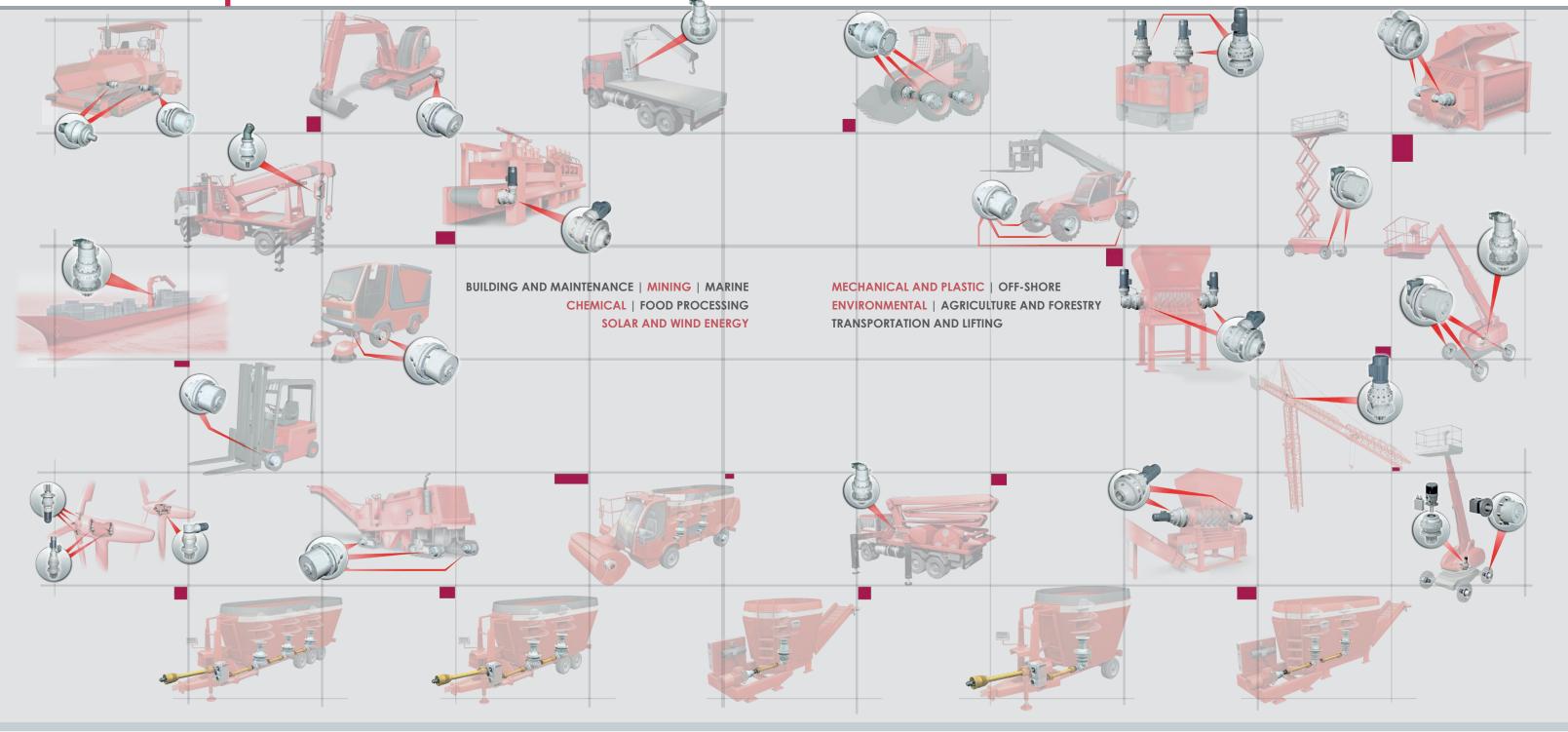
**APPLICATIONS** 

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RR USA Inc.

**APPLICATIONS** 

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# SERIES 2000

### Reliable and well established

The 2000 series of linear and bevel planetary gears offers excellent modularity and flexibility.

The multitude of ratio combinations and the output configurations for ten different gear sizes and five bevel stages, make this range perfect for all those circumstances where compactness, long life, ease of installation and quick delivery times are required.

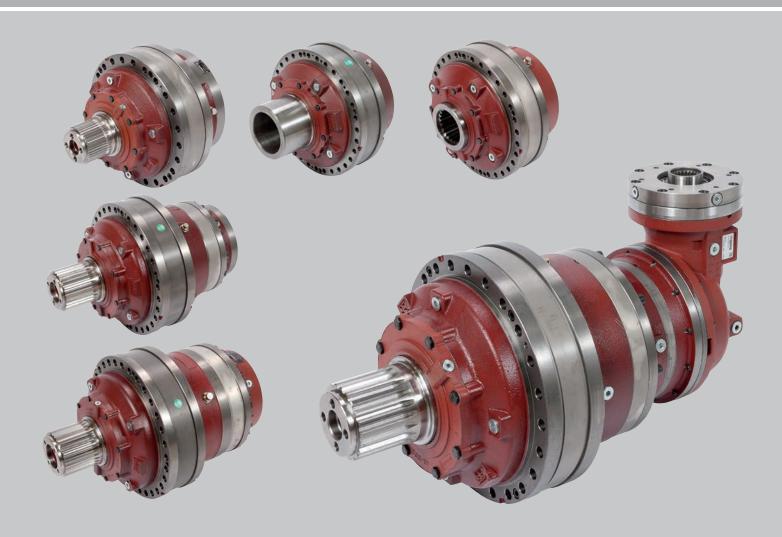
Model	T2 (Nm)	T2max (Nm)	Ratio	
RR 65	680	1200	3.51 ÷ 239.48	
RR 105	850	1800	3.21 ÷ 305.23	
RR 110	1000	2000	3.31 ÷ 295.98	
RR 210	1650	2500 (M/ FS) - 3300 (S)	3.31 ÷ 1938.54	
RR 310	2600	5500 (M/ FS) - 6500 (S)	3.40 ÷ 2136.64	
RR 510	4800	7000 (M/ FS) - 7500 (S)	3.40 ÷ 2190.89	
RR 710	5300	8500 (M/ FS) - 9300 (S)	4.00 ÷ 1956.15	
RR 810	8500	14500	3.92 ÷ 2691.66	
RR 1010	R 1010 13500		4.00 ÷ 2469.60	
RR 1700	18100	26500	3.90 ÷ 2212.06	

# SERIES PLUS

### Innovative and great performance

This series has represented a technological revolution as far as planetary transmission is concerned and can be found in the 18 different sizes available, ranging from 25.000 Nm to 2.400.000 Nm. This is the result of new studies that ensure maximum performance while still being very compact and with a truly incomparable price/performance ratio. The Plus Series is suitable for all application sectors but more particular for the mining, marine and industrial sectors.

Model	T2 (Nm)	T2max (Nm)	Ratio
RR 2500	25000	37000	4 ÷ 2495.56
RR 3200	33000	58000	4 ÷ 2005.23
RR 4000	40000	75000	4.17 ÷ 1910.05
RR 5200	52000	92000	4.17 ÷ 1803.20
RR 6500	68000	12500	4.17 ÷ 2064.71
RR 8000	80000	160000	4.17 ÷ 1695.65
RR 10000	100000	190000	4.17 ÷ 1600.80
RR 15000	150000	275000	4.17 ÷ 1511.25
RR 20000	210000	395000	4.17 ÷ 1730.42
RR 25000	280000	580000	4.17 ÷ 1341.62
RR 40000	420000	790000	4.17 ÷ 1266.57
RR 55000	560000	950000	4.17 ÷ 1180.44
RR 70000	700000	1200000	4.84 ÷ 5329
RR 85000	850000	1500000	4.6 ÷ 5257
RR 110000	1100000	2000000	4.84 ÷ 5061
RR 150000	1500000	2700000	4.76 ÷ 4000
RR 190000	1900000	3650000	4.55 ÷ 4428
RR 240000	2400000	4300000	4.3 ÷ 4226





# WHEEL DRIVES (RRWD)

### Strong and compact

Multiple different sizes that guarantee compactness, resistance to high loads, axial and radial load capacity and with a wide choice of ratios, designed for hydraulic and electric drives. Our wheel drives are made with alloyed steel to guarantee maximum performance combined with high resistance to impact and to radial and axial stresses.

All of our drives can be equipped with integrated Hydraulic parking brake on request.

Model	T2 (Nm)	T2max (Nm)	Ratio	
RRWD 200	900	2000	6.09	
RRWD 270	1510	2500	5.78	
RRWD 300	1300	3000	5.27	
RRWD 500D-10"	2500	4500	15.00 ÷ 29.38	
RRWD 500D-12"	2500	5500	15.00 ÷ 29.38	
RRWD 600D	3400	7000	17.20 ÷ 56.20	
RRWD 800D	4300	10000	22.14 ÷ 53.00	
RRWD 1700T	11000	17000	64.35 ÷ 179.44	
RRWD 1800D	12000	18000	24.4 ÷ 53.7	





# TRACK DRIVES (RRTD)

### Strong and compact

Multiple different sizes that guarantee compactness, resistance to high loads, axial and radial load capacity and with a wide choice of ratios, designed for hydraulic and electric drives. Our track drives are made with alloyed steel to guarantee maximum performance combined with high resistance to impact and to radial and axial stresses.

All of our drives can be equipped with integrated Hydraulic parking brake on request.

Model	T2 (Nm)	T2max (Nm)	Ratio	
RRTD 100	600	1000	5.54	
RRTD 300	1900	3000	6.09	
RRTD 800D	4300	10000	22.14 ÷ 53.00	
RRTD 1000D	4900	10000	23.72 ÷ 39.97	
RRTD 1700T	11000	17000	64.35 ÷ 179.44	
RRTD 1701T	9530	17000	77.95 ÷ 170.24	
RRTD 2400T	17000	24000	63.00 ÷ 139.00	
RRTD 3600T	24900	36000	67.36 ÷ 161.00	
RRTD 5000T	29200	50000	73.85 ÷ 146.39	





# WINCH DRIVES (W)

W drives have been designed to offer a compact and flexible product and to resist intense application cycles. Our gear units are easy to maintain even when assembled in the drum, as all the interfaces are on the motor side. A guaranteed long life time and resistance to high torque peaks are just a couple of the many features of our W range. Our winch drives can be equipped with brakes and custom made accessories to ensure a perfect and simple assembly on your system.

Model	T2 FEM (NM)	Static torque T2max (Nm)	Ratio	Min Inner Drum Diameter
RR 3200 W3	39000	72000	65 ÷ 189	410
RR 5200 W3	61000	105000	70 ÷ 176	470
RR 6500 W3	78000	140000	62 ÷ 185	550
RR 10000 W3	116000	190000	64 ÷ 147	580
RR 15000 W3	169000	300000	64 ÷ 147	645
RR 20000 W4	234000	400000	258 ÷ 1180	750
RR 25000 W4	316000	600000	267 ÷ 915	850
RR 40000 W4	460000	800000	267 ÷ 864	910
RR 55000 W4	660000	1100000	274 ÷ 805	1020







# COMBINED GEAR UNITS

#### **Essential Power**

Combined gears have been designed to offer new compact solutions with a great performance for heavy-duty work cycles.



The solidity of the planetary technology and the high power capacity of the helical gear geometries ensure the force necessary for heavy industry applications. The keys of success of this range are the total customisation and the service of our qualified technicians that optimise the efficiency and scheduling of plant commissioning.

Model	T2 (Nm)	T2max (Nm)	Ratio	P Nominal (kW)
20000/70	210000	395000	90 ÷ 450	150
25000/70	280000	580000	90 ÷ 450	200
40000/80	420000	790000	90 ÷ 450	360
55000/80	560000	950000	90 ÷ 450	450
70000/90	700000	1200000	90 ÷ 450	550
85000/100	850000	1500000	90 ÷ 450	700
110000/60	1100000	2000000	100 ÷ 600	900
150000/70	1500000	2700000	100 ÷ 600	1200
190000/70	1900000	3650000	100 ÷ 600	1500
240000/80	2400000	4300000	100 ÷ 600	1800

# HYDRAULIC SPRING APPLIED PRESSURE RELEASE BRAKES (RF)

### That extra safety

Our range of negative lamella brakes is the winning accessory when an emergency brake is needed for plant safety reasons.

Available in a modular configuration for mounting on reduction gears or in a direct configuration on orbital motors or, on request, a version with a backstop device is also available.

The brake range is certified with DNV type approval.

Model		TF (Nm)
RF2/	DG-RF/288	60 ÷ 600
	DG-RF/289	60 ÷ 600
	DG-RF/290	60 ÷ 600
RF5/	DG-RF/313	180 ÷ 1360
	DG-RF/314	180 ÷ 1360
	DG-RF/315	180 ÷ 1360
	DG-RF/316	180 ÷ 1360
	DG-RF/392	180 ÷ 1360
	DG-RF/396	180 ÷ 1360

### RR PRODUCTS

## SWING DRIVES

The planetary series dedicated to slewing applications boasts 13 different sizes with peak torque ranging between 1.200 Nm and 230.000 Nm.

The reinforced output supports of this series and its compact dimensions offer reliability in applications with high radial loads. All sizes are available in the version with an integral pinion or a slide-on pinion, all can be accessorised with a wide range of components and negative brakes.

Certificates of leading recognised Bodies are available on request.

Model	T2 FEM (NM)	Peak static	Ratio	Pinion Modules
	` '	torque (Nm		
RR 1800	17000 ÷ 27000	40000	25 ÷ 307	12 ÷ 16
RR 2500	20000 ÷ 34000	70000	30 ÷ 351	16 ÷ 18
RR 3200	25000 ÷ 44000	80000	32 ÷ 286	16 ÷ 18
RR 4000	35000 ÷ 59000	100000	29 ÷ 272	16 ÷ 22
RR 5200	46000 ÷ 76000	120000	30 ÷ 257	16 ÷ 22
RR 6500	65000 ÷ 100000	160000	65 ÷ 294	18 ÷ 24
RR 8000	64000 ÷ 112000	200000	67 ÷ 242	20 ÷ 24
RR 10000	89000 ÷ 143000	230000	67 ÷ 229	20 ÷ 24







# REGGIANA

# AGRICULTURAL FEED MIXERS

### Gearbox overview

Reggiana Riduttori produces the most comprehensive line of planetary gear-boxes for the agricultural feed mixer applications. We offer a variety of ratio options, right angle inputs with single and double PTO shafts, and hydraulic motor inputs.

Our range of gearboxes are applicable on feed mixers ranging from 200 ft<sup>3</sup> to over 2000 ft<sup>3</sup> mixing capacity. On request we also offer a 2-SPEED gearbox option with ratings of up to 130 HP.



Stationary Single Screw



Trailer Single Screw





Trailer Triple Screw



Stationary Twin Screw



# AGRICULTURAL FEED MIXERS

#### Gearbox overview

### Trailers

Series		Mixing capacity	Mixing capacity		Auger Gearbox	Ratio	Lubrication		PTO shafts
Series		ft <sup>3</sup>	ft <sup>3</sup>	Service	Auger Gearbox	Options	Full Oil	Oil / Grease	FIO Stidits
			200 - 450	low duty	RR1800 A2 A210	13,82 - 22,22	Χ	Х	single 1" 3/8 Z6
	<u>*</u>		250 - 600	medium duty	RR1800 A2 A815	13,96 - 22,44	Х	Х	single 1" 3/4 Z20
	Singleauger Trailer		250 - 600	medium duty	RR1800 A2 AM815	14,47 - 23,26	Х	Х	double 1" 3/4 Z20
115	auger	200 - 800	200 - 350	low duty	RR1800 A3 AM110	17,64 - 43,89	Х	Х	single/double 1" 3/8 Z6
	ingle		280 - 600	heavy duty	RR1800 A3 AM212	13,92 - 53,45	Х	Х	single/double 1" 3/4 Z20
	S		350 - 650	heavy duty	RR2100 A3 AM300	16,00 - 27,47	Х	Х	single/double 1" 3/4 Z20
			500 - 800	heavy duty	RR3200 A3 AM300	28,00 - 35,96	Χ	Х	single/double 1" 3/4 Z20
	76		450 - 1200	medium duty	RR1800 A2 AM815	14,47 - 23,26	Х	Х	double 1" 3/4 Z20
	Double auger Trailer	450 - 1300	450 - 1200	medium duty	RR1800 A3 AM212	13,92 - 53,45	Χ	Х	single/double 1" 3/4 Z20
4	ouble	430 - 1300	450 - 1200	heavy duty	RR2100 A3 AM300	16,00 - 27,47	Χ	Х	single/double 1" 3/4 Z20
			650 - 1300	heavy duty	RR3200 A3 AM300	28,00 - 35,96	Х	Х	single/double 1" 3/4 Z20
			1100 - 1450	medium duty	RR1800 A2 AM815	14,47 - 23,26	Х	Х	double 1" 3/4 Z20
	railer		1100 - 1600	medium duty	RR1800 A3 AM212	13,92 - 53,45	Χ	Х	single/double 1" 3/4 Z20
A TOTAL TOTAL	ger T	1100 - 2400	1100 - 1600	heavy duty	RR2100 A3 AM300	16,00 - 27,47	Х	Х	single/double 1" 3/4 Z20
	Triple auger Trailer		1200 - 2400	heavy duty	RR3200 A3 AM300	28,00 - 35,96	Х	Х	single/double 1" 3/4 Z20
	Ā.		1600 - 2400	heavy duty	RR5200 A3 AM310/815/620	33,7 - 143,1	Х	Х	Single/double 1" ¾ Z20

### Stationary

Series		Mixing capacity	Mixing capacity		Auger Gearbox	Ratio Op-	Lubrication		PTO shafts
Series		ft <sup>3</sup>	ft <sup>3</sup>	Service	Auger Gearbox	tions	Full Oil	Oil / Grease	FIO Stidits
			200 - 450	low duty	RR1800 A2 A210	13,82 - 22,22	Χ	Х	single 1" 3/8 Z6
	iger ary		200 - 500	medium duty	RR1800 A2 A815	13,96 - 22,44	Х	Х	single 1" 3/4 Z20
	Single auger Stationary	200 - 800	200 - 500	medium duty	RR1800 A2 AM815	14,47 - 23,26	Х	Х	double 1" 3/4 Z20
	Sing		200 - 600	heavy duty	RR1800 A3 AM212	13,92 - 53,45	Х	Х	single/double 1" 3/4 Z20
			600 - 800	heavy duty	RR3200 A3 AM300	28,00 - 35,96	Χ	Х	single/double 1" 3/4 Z20
		Preredu	uction gearbox		RR510/710/810	3,4 - 8,6	Χ	-	-
	ary		450 - 950	medium duty	RR1800 A2 AM815	14,47 - 23,26	Χ	Х	double 1" 3/4 Z20
	tation		450 - 950	medium duty	RR1800 A3 AM212	13,92 - 53,45	Х	Х	single/double 1" 3/4 Z20
	auger Stationary	450 - 2400	500 - 950	heavy duty	RR2100 A3 AM300	16,00 - 27,47	Χ	Х	single/double 1" 3/4 Z20
	ile au		950 - 2400	heavy duty	RR3200 A3 AM300	28,00 - 35,96	Χ	Х	single/double 1" 3/4 Z20
	Double a		1600 - 2400	heavy duty	RR5200 A3 AM310/815/620	33,7 - 143,1	Х	Х	Single/double 1" ¾ Z20
		Preredu	uction gearbox		RR510/710/810	3,4 - 8,6	Χ	-	-



RT 45



Code	Hole	Key	Input shaft	Weight	Ratio	Output torque
	E8	E8		kg.		N m
9247	30	8				
9233	35	10	ø 25	11	1.9:1	450
9232	1 3/8" Z6					

# RT 90



Code	Hole	Key	Input shaft	Weight	Ratio	Output torque	
	E8	E8		kg.		N m	
9257	30	8					
9258	35	10	ø 25	12	3.1:1	900	
9260	1 3/8" Z6						

# RT 120



Code	Hole	Key	Input shaft	Weight	Ratio	Output torque
	E8	E8		kg.		N m
13106	35	10				
13039	40	12	ø 25	19	4.1:1	1200
16686	1 3/8" Z6					

RT 120 + PDF



Code	Hole	Key	Input shaft	Weight	Ratio	Output torque
	E8	E8		kg.		N m
16805	35	10				
16806	40	12	ø 1 3/8" Z6	22	4.1:1	1200
16807	1 3/	8" Z6				

# RT 320



						1
Code	Hole	Key	Input shaft	Weight	Ratio	Output torque
	E8	E8		kg.		N m
6661	35	10				
6662	40	12	ø 25	33	29,5:1	3000
6663	45	12				

RT 420



Code	Hole	Key	Input shaft	Weight	Ratio	Output torque
	E8	E8		kg.		N m
15801	45	12				
15802	50	14	ø 25	43.4	35.2:1	4000
15803	55	16				

### **APPLICATIONS**







### Torques up to 1.000 Nm 8.800 lb-in



Planetary reduction gears integrated with worm or helical bevel gearboxes

Torques (T2 Nom) up to 26.500 Nm 235.000 lb-in



Torques up to 3.500 Nm

31.000 lb-in



### **BY MARKET**















www.cobointernational.com





www.hydroleduc.com





www.ms-hydraulic.com





www.safim.it





www.galperti.com

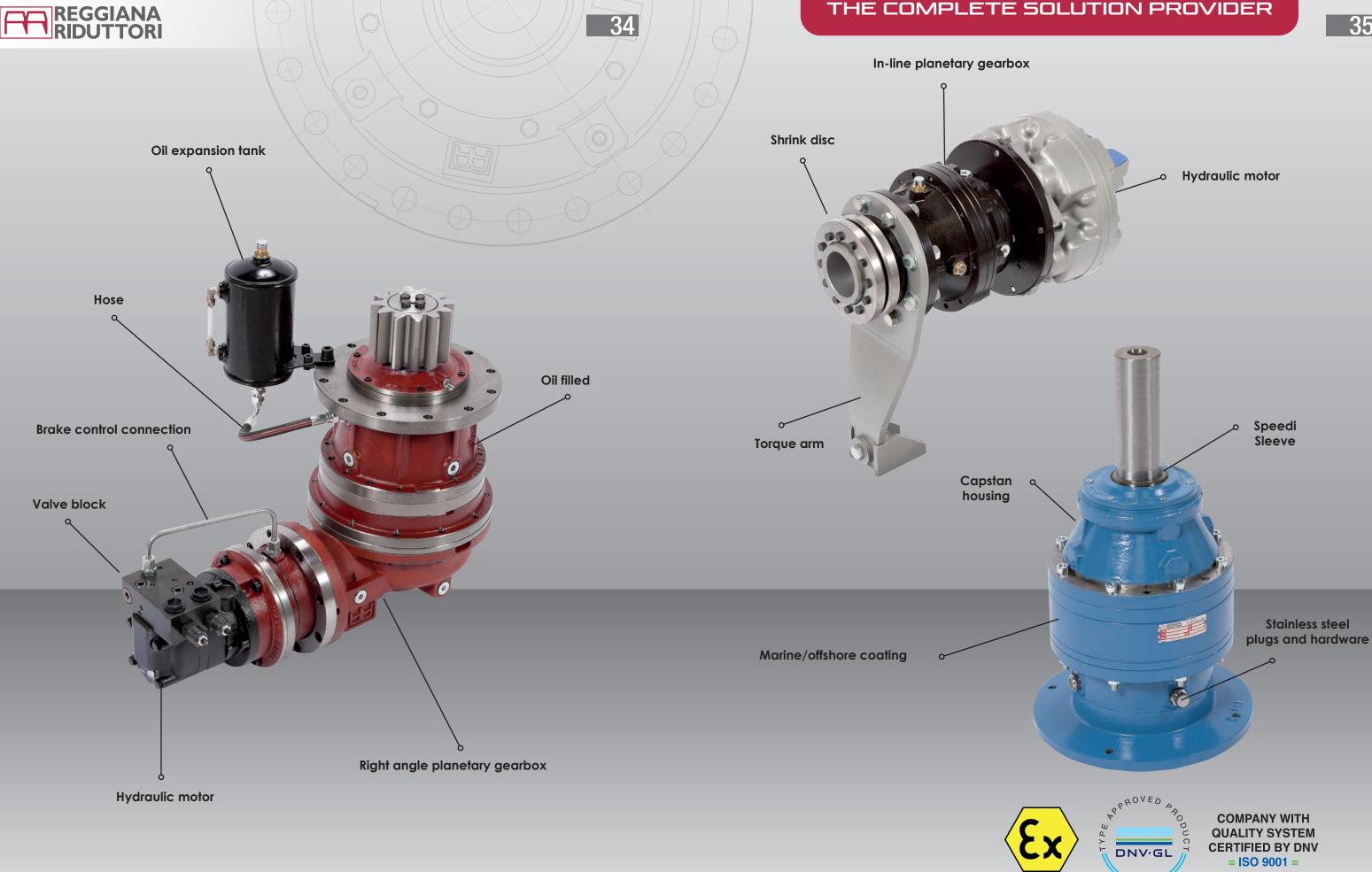




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