



a brand of  **REGGIANA
RIDUTTORI**
PLANETARY REDUCTION GEARS

PRODUCT RANGE

WWW.BERMA.IT



MADE IN ITALY



For 50 years
we have been passionately
dedicating ourselves to producing
planetary gears and wheel gears
made entirely in Italy.
Reggiana Riduttori
is a member of Interpump Group.

B **L** BERMA
LINE



Floor Drive
SOLUTIONS
for Agriculture

PRODUCT RANGE

Berma is a leader in the design and manufacturing of components for manure spreaders and gearboxes. Active since 1976, its leadership focuses on the production of **components for manure spreaders**, which, together with its excellent position in the Po Valley, make it a great interpreter of the needs of the agricultural market around the world. In 2021 it was acquired - through Reggiana Riduttori - by the Interpump Group, with the aim of strengthening the group's specialization in the sector of new transmission technologies dedicated to agriculture and in the engineering of solutions in a circular economy perspective. **In 2022, with the company merger, Berma becomes a Reggiana Riduttori brand.**

The company's footprint now covers an area of 22,000 square meters of which 5,000 are dedicated to the processing, assembly and storage phases of the product.



Berma** è leader nella progettazione e realizzazione di **componenti per spandiletame e scatole ingranaggi.

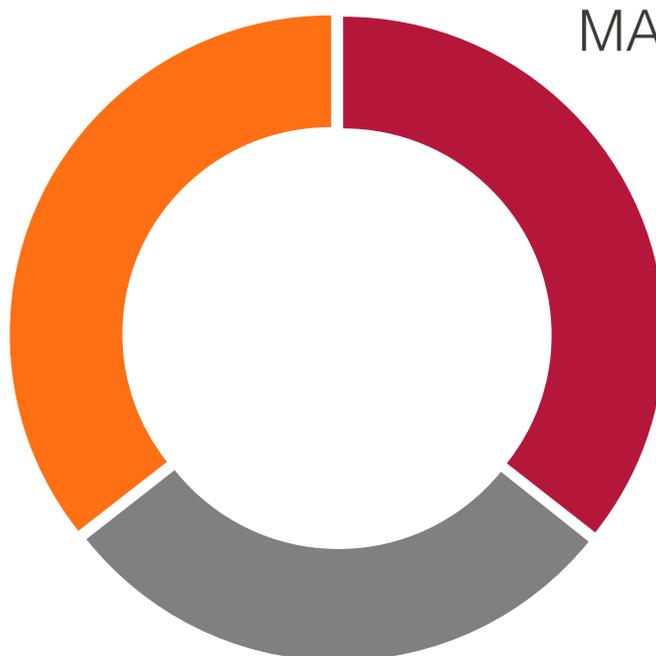
Attiva sin dal 1976, incentra il suo primato sulla produzione di componenti per carri spandiletame, che, insieme all'ottimale posizione in territorio padano, la rendono una grande interprete delle esigenze del mercato agricolo di tutto il mondo. Nel 2021 viene acquisita – attraverso Reggiana Riduttori – dal Gruppo Interpump, con l'obiettivo di rafforzare la specializzazione del gruppo nel settore delle nuove tecnologie di trasmissione dedicate all'agricoltura e nell'ingegnerizzazione di soluzioni in un'ottica di economia circolare.

*Nel 2022, con la fusione societaria, **Berma** diventa un brand di Reggiana Riduttori.*

L'azienda ricopre oggi una superficie di 22.000 metri quadri di cui 5.000 dedicati alle fasi della lavorazione, montaggio e stoccaggio del prodotto finito.

LESS
OVERALL
DIMENSIONS

100%
MANUFACTURED
IN ITALY



INCREASING THE TORQUE
OF YOUR ORBITAL MOTOR



GEARBOXES

BELT OR

CHAIN DRIVE



RT 45



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI9247	Ø30	8	Ø25	11	1.9:1	450
BI9233	Ø35	10				
BI9232	Ø1 3/8" Z6					

RT 50



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI15844	Ø30	8	Ø25	11	1.9:1	450
BI15845	Ø35	10				
BI15846	Ø1 3/8" Z6					
BI15847	Ø30	8	Ø32			
BI15848	Ø35	10				
BI15849	Ø1 3/8" Z6					

RT 90



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI9257	Ø30	8	Ø25	12	3.1:1	900
BI9258	Ø35	10				
BI9260	Ø1 3/8" Z6					

RT 90-EC



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI13694	Ø30	8	Ø25	13	3.1:1	900
BI13695	Ø35	10				
BI13696	Ø1 3/8" Z6					
BI13697	Ø30	8	Ø32			
BI13475	Ø35	10				
BI13698	Ø1 3/8" Z6					

RT 90-EC + PDF



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI16792	Ø30	8	Ø3/8" Z6	17	3.1:1	900
BI16793	Ø35	10				
BI16794	Ø1 3/8" Z6					

RT 100



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
15683	Ø35	10	Ø25	14	3.1:1	1000
15542	Ø40	12				
15684	Ø35	10	Ø32			
15531	Ø40	12				

RT 100 + PDF



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI17675	Ø35	10	Ø1 3/8" Z6	18	3.1:1	1000
BI17676	Ø40	12				

RT 110



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI18697	Ø35	10	Ø25	15	3.1:1	1000
BI18214	Ø40	12				
BI18698	Ø35	10	Ø32			
BI18215	Ø40	12				

RT 120



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI13106	Ø35	10	Ø25	19	4.1:1	1200
BI13039	Ø40	12				
BI16686	Ø1 3/8" Z6					

RT 120 + PDF



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI16805	Ø35	10	Ø1 3/8" Z6	22	4.1:1	1200
BI16806	Ø40	12				
BI16807	Ø1 3/8" Z6					

RT 130



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI18601	Ø35	10	Ø25	20	4.1:1	1300
BI18602	Ø40	12				
BI18603	Ø35	10	Ø32			
BI18604	Ø40	12				

RT 145



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI15996	Ø35	10	Ø25	21	4.1:1	1400
BI15997	Ø40	12				
BI15998	Ø35	10	Ø32			
BI15999	Ø40	12				

RT 145 + PDF



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI17678	Ø35	10	Ø1 3/8" Z6	25	4.1:1	1400
BI17679	Ø40	12				

RT 150



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI8839	Ø35	10	Ø25	20	12:1	1500
BI8840	Ø40	12				

RT 160



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI8977	Ø35	10	Ø25	22	8.4:1	1500
BI8978	Ø40	12				
BI23238	Ø35	10	Ø32			
BI15675	Ø40	12				

RT 170



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI19912	Ø35	10	Ø25	22	84:1	1500
BI19913	Ø40	12				
BI19914	Ø35	10	Ø32			
BI19915	Ø40	12				

RT 190



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI10323	Ø35	10	Ø25	28	10.2:1	1900
BI10324	Ø40	12				
BI10325	Ø45	12				
BI23239	Ø35	10	Ø32			
BI21335	Ø40	12				
BI16803	Ø45	12				

RT 195



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI19892	Ø35	10	Ø25	24	10.2:1	1900
BI19893	Ø40	12				
BI19894	Ø45	12				
BI19895	Ø35	10	Ø32			
BI19896	Ø40	12				
BI19897	Ø45	12				

RT 200



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI9356	Ø35	10	Ø25	27	16.4:1	2000
BI9357	Ø40	12				
BI9358	Ø45	12				

RT 210



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI17245	Ø35	10	Ø25	27	16.4:1	2000
BI17246	Ø40	12				
BI17247	Ø45	12				

RT 250



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI14883	Ø40	12	Ø25	34	21.1:1	2600
BI14884	Ø45	12				
BI14885	Ø50	14				

RT 260



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI16821	Ø40	12	Ø25	36	21.1:1	2600
BI16822	Ø45	12				
BI16823	Ø50	14				

RT 300



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI8900	Ø35	10	Ø25	34	29.5:1	3000
BI8640	Ø40	12				
BI8670	Ø45	12				

RT 320



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI16661	Ø35	10	Ø25	33	29.5:1	3000
BI16662	Ø40	12				
BI16663	Ø45	12				

RT 330



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI21001	Ø40	12	Ø25	38	3.1:1	3000
BI21002	Ø45	12				
BI21003	Ø50	14				
BI21004	Ø40	12	Ø32			
BI21005	Ø45	12				
BI21006	Ø50	14				

RT 350



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI10318	Ø40	12	Ø25	39	31.4:1	3500
BI10319	Ø45	12				
BI10320	Ø50	14				

RT 350I



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI17401	Ø40	12	Ø25	39	31.4:1	3500
BI17402	Ø45	12				
BI17403	Ø50	14				

RT 360



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI17995	Ø40	12	Ø25	38	31.4:1	3500
BI17996	Ø45	12				
BI17997	Ø50	14				

RT 360 + PDF



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI18005	Ø40	12	Ø1 3/8" Z6	41	31.4:1	3500
BI18006	Ø45	12				
BI18007	Ø50	14				

RT 400



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI9160	Ø45	12	Ø25	44	35.2:1	4000
BI9161	Ø50	14				
BI9162	Ø55	16				

RT 400 2V



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI9220	Ø45	12	Ø25	55	35.2:1	4000
BI9221	Ø50	14			17.8:1	2100
BI9222	Ø55	16				

RT 420



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI15801	Ø45	12	Ø25	43.4	35.2:1	4000
BI15802	Ø50	14				
BI15803	Ø55	16				

RT 430 B



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI16052	Ø45	12	Ø32	53	10.9:1	4300
BI16053	Ø50	14				
BI16054	Ø55	16				

RT 500



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI8981	Ø50	14	Ø25	53	43.6:1	5000
BI8982	Ø55	16				
BI9063	Ø60	18				

RT 500 + PDF



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
10408	Ø50	14	Ø1 3/8" Z6	56	43.6:1	5000
10409	Ø55	16				
10410	Ø60	18				

RT 520



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI16001	Ø50	14	Ø25	53	43.6:1	5000
BI16002	Ø55	16				
BI16003	Ø60	18				

RT 650



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI15376	Ø55	16	Ø25	67	37.8:1	6400
BI15377	Ø60	18				
BI15378	Ø65	18				
BI15379	Ø55	16	Ø32			
BI15380	Ø60	18				
BI15381	Ø65	18				

RT 800



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI9479	Ø55	16	Ø25	79	31.7:1	8000
BI9470	Ø60	18				
BI9480	Ø65	18				
BI9481	Ø55	16	Ø32			
BI9482	Ø60	18				
BI9483	Ø65	18				

RT 1000



CODE	OUTPUT SHAFT E8	KEY E8	INPUT SHAFT	WEIGHT KG.	RATIO	OUTPUT TORQUE Nm
BI13438	Ø60	18	Ø25	97	38.7:1	9700
BI13439	Ø65	18				
BI13440	Ø70	20				
BI13441	Ø60	18	Ø32			
BI13442	Ø65	18				
BI13443	Ø70	20				

**Other shaft solutions available on request*

REACTION ARMS | ACCESSORIES

Available on request.



CODE	GEARBOX
23175	RT120
10071	RT160



CODE	GEARBOX
21381	RT210
9985	RT350
16289	RT420
9122	RT500
16522	RT650
9618	RT800
13401	RT1000



MULTIPURPOSE GEARBOXES



BA08



CODE	RATIO	INPUT SPEED min ⁻¹	INPUT POWER kW	OUTPUT TORQUE Nm	WEIGHT kg
BI23414	1:1,54	540	52	598	34
		1000	90	559	
BI23451	1:1,29	540	59	812	
		1000	100	743	
BI23452	1:1	540	56	990	
		1000	92	879	
BI23451	1,29:1	540	47	1069	
		1000	81	994	
BI23414	1,54:1	540	36	979	
		1000	61	896	

BA18



CODE	RATIO	INPUT SPEED min ⁻¹	INPUT POWER kW	OUTPUT TORQUE Nm	WEIGHT kg
BI23453	1:1,69	540	90	940	56
		1000	145	818	
BI23428	1:1,57	540	93	1047	
		1000	147	893	
BI23454	1:1,41	540	90	1127	
		1000	145	981	
BI23455	1:1,22	540	90	1302	
		1000	135	1055	
BI23455	1,22:1	540	78	1686	
		1000	118	1377	
BI23454	1,41:1	540	66	1648	
		1000	112	1510	
BI23428	1,57:1	540	63	1751	
		1000	105	1576	
BI23453	1,69:1	540	56	1676	
		1000	94	1519	



VERTICAL

MANURE

SPREADERS



VERTICAL MANURE SPREADERS



KNIVES AND PALETTES
AVAILABLE ON REQUEST.



MANURE SPREADER TYPE	FLOOR ACTUATION	GEARBOX RATIO	APPROXIMATE MAXIMUM TRAILER WIDTH	APPROXIMATE TRUCK CAPACITY	BEATER TYPE
S8	MECHANICAL/ HYDRAULIC	1:1	1500 mm	5 ton	2 open blade/ Spiral beater
S10	MECHANICAL/ HYDRAULIC	1:1	2000 mm	7 ton	4 open blade/ Spiral beater
S13	MECHANICAL/ HYDRAULIC	1:1	1500 mm	7 ton	4 open blade/ Spiral beater
ST8	HYDRAULIC	1:1-1,57:1-1,83:1	2000 mm	8 ton	2 Spiral beater
ST10	HYDRAULIC	1:1-1,57:1-1,83:1	2100 mm	10 ton	4 open blade/ Spiral beater
SRT8	HYDRAULIC	1:1-1,29:1-1,54:1-1,98:1-2,37:1	1700 mm	8 ton	2 Spiral beater
SRT12	HYDRAULIC	1,49:1-1,92:1-2,26:1-2,39:1-2,86:1	2200 mm	14 ton	2 Spiral beater
SRT18	HYDRAULIC	1,49:1-1,92:1-2,26:1-2,39:1-2,86:1	2300 mm	14 ton	2 Spiral beater
SRT20	HYDRAULIC	1,99:1-2,39:1-2,86:1	2300 mm	20 ton	2 Spiral beater
SRT22	HYDRAULIC	2,29:1-2,86:1	2400 mm	30 ton	2 Spiral beater



HORIZONTAL MANURE SPREADERS



HORIZONTAL MANURE SPREADERS



KNIVES AND PALETTES
AVAILABLE ON REQUEST.



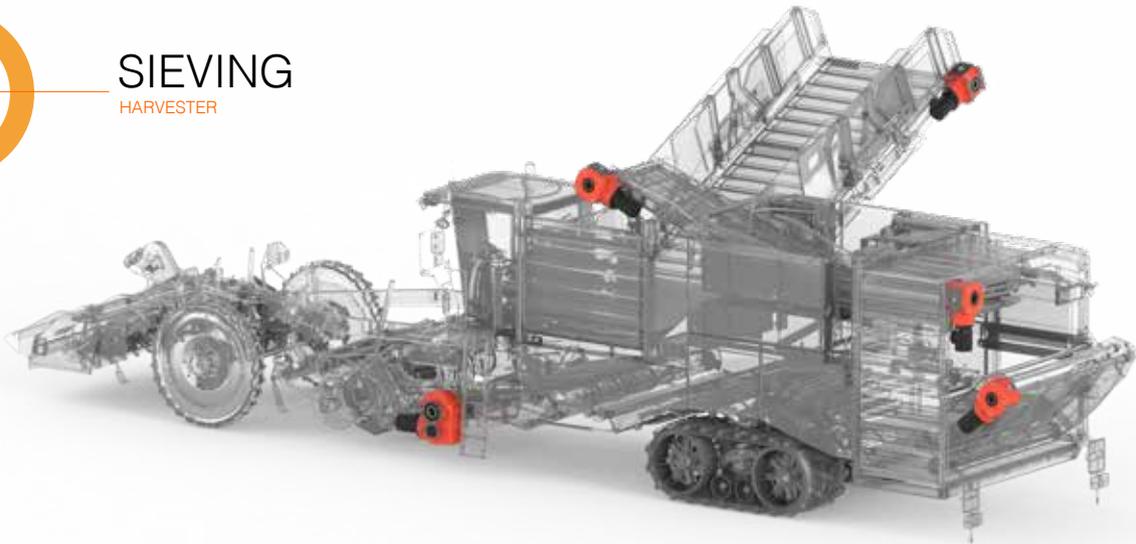
MANURE SPREADER TYPE	FLOOR ACTUATION	GEARBOX RATIO	APPROXIMATE MAXIMUM TRAILER WIDTH	APPROXIMATE TRUCK CAPACITY	BEATER TYPE
SRT8	HYDRAULIC	1:1-1,29:1-1,54:1-1,98:1-2,37:1	1700 mm	8 ton	2 Spiral beater
SRT18	HYDRAULIC	1,49:1-1,92:1-2,26:1-2,39:1-2,86:1	2300 mm	14 ton	2/ 3 Spiral beater
SRT20	HYDRAULIC	1,99:1-2,39:1-2,86:1	2300 mm	20 ton	2 Spiral beater
SRT22	HYDRAULIC	2,29:1-2,86:1	2400 mm	30 ton	2 Spiral beater



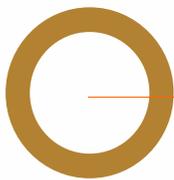
APPLICATIONS



SIEVING HARVESTER



STRAW SHREDDER

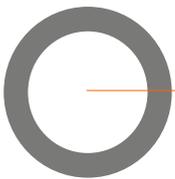


WOOD CHIPPER





CONCRETE
PUMP



CONCRETE
MIXER MIXING BUCKET





MANURE SPREADER



COMPOST MANURE SPREADER





PRODUCT RANGE



GLOBAL SALES NETWORK



- Branch
- Master Distributor



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