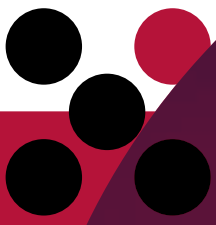



MADE IN ITALY



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.

SUGAR
INDUSTRY
SI



D

OUR DRIVES FOR THE SUGAR INDUSTRY

With over 600 Mill & PF installations worldwide and a multitude of installed drives all over the sugar process, Reggiana Riduttori is one of the world's leading companies in the design and manufacture of gearboxes for a wide variety of power transmission applications for the Sugar industry.

Reggiana Riduttori has proven the highest standards in engineering, innovation, quality and state of the art manufacturing with years of service to the sugar industry with great results.

Con oltre 600 installazioni e una moltitudine di impianti serviti in tutto il mondo, Reggiana Riduttori è leader nella progettazione e produzione di riduttori per le applicazioni nell'industria della produzione dello zucchero.

Reggiana Riduttori ha dato prova di aderire ai più alti standard nella progettazione, innovazione e qualità, attestati da anni di esperienza al servizio degli zuccherifici.

COMPLETE DRIVE SYSTEMS

TURN KEY SOLUTION PROVIDER

WORLDWIDE TRAINING

COMMISSIONING AND AFTER SALES SERVICES

APPLICATIONS

FROM CANE FIELDS TO SUGAR BAGGING

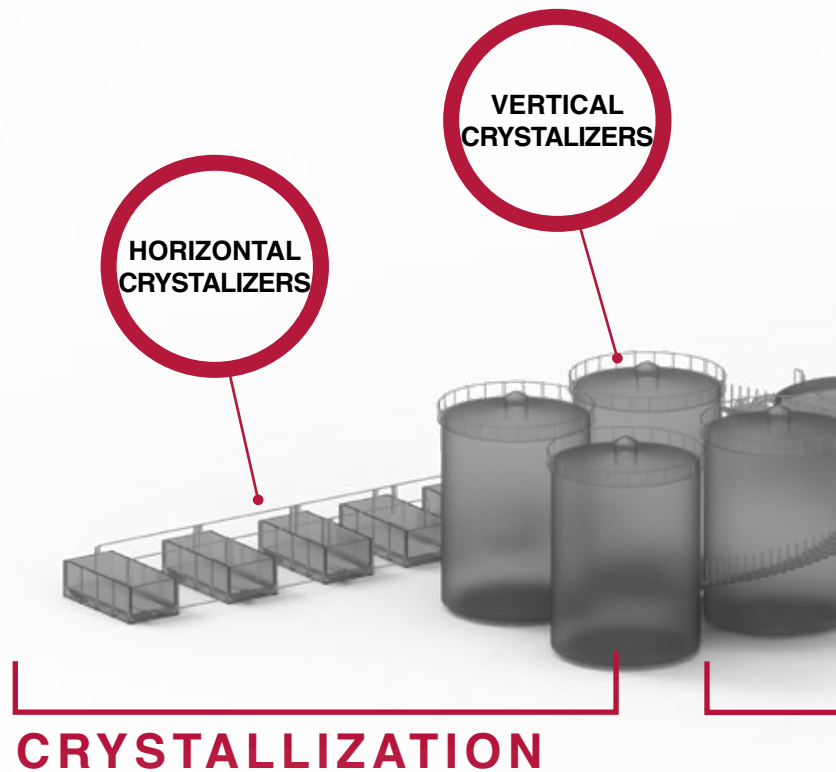
DEDICATED SUGAR TECHNOLOGY TEAM

& APPLICATION ENGINEERS



OUR RANGE FOR THE
SUGAR PROCESSING

model	T ₂ ReF [Nm]	P REF [Kw]
RR10000	140.000	90
RR15000	200.000	130
RR20000	300.000	190
RR25000	410.000	260
RR40000	575.000	360
RR55000	750.000	470
RR70000	850.000	530
RR85000	950.000	600
RR110000	1.350.000	850
RR150000	1.800.000	1.130
RR190000	2.500.000	1.570
RR240000	3.500.000	2.200
RR300000	4.570.000	2.870
RR400000	6.230.000	3.910
RR500000	7.580.000	4.760



PLANETARY

2000 SERIES I PLUS SERIES

Modular planetary reduction gears

T₂max Nm=1.200-10.000.000
Ratio=3.4-5061



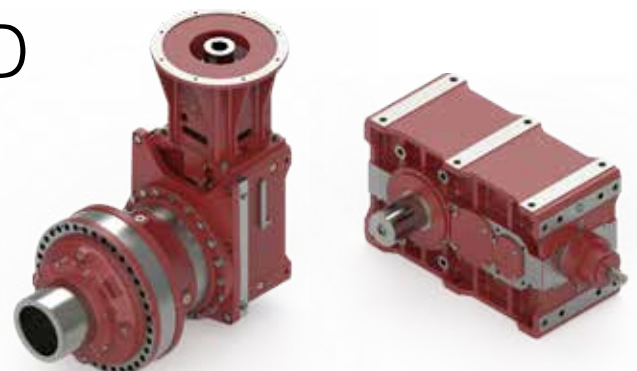
HELICAL & COMBINED

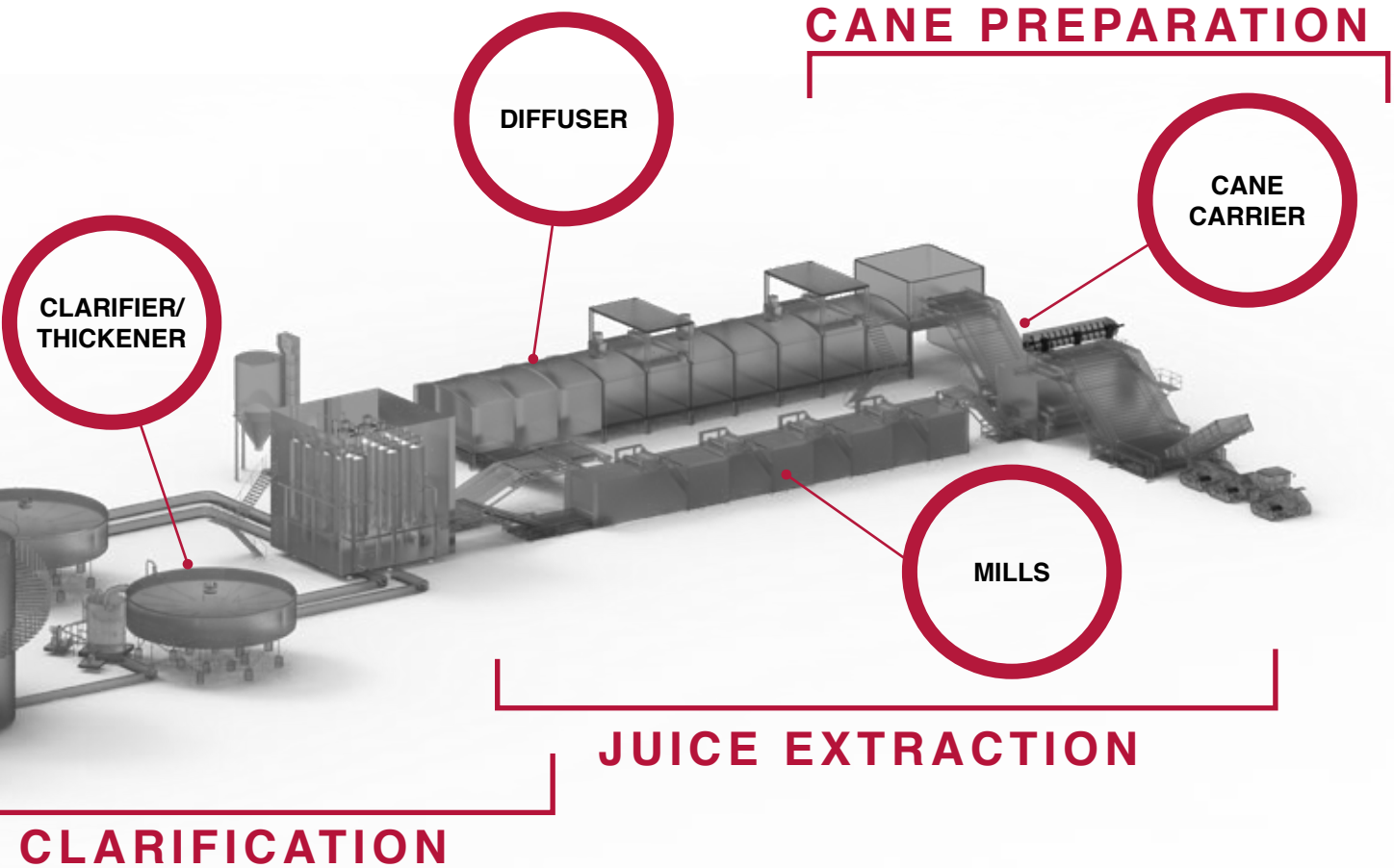
Helical & bevel helical gearboxes

T₂nom Nm=2.400-130.200
Helical Ratio =1,11-520,70
Bevel helical Ratio =4,91-406,89

Combined gearboxes

T₂max Nm=390.000-4.300.000
Ratio=90-600



DEDICATED SOLUTIONS FOR
THE SUGAR PROCESSING


FOOT MOUNTED DRIVES

MODULAR

Design for easy assembly and reduced inventory.

EASY FITTING

Faster mounting and installation.

EFFICIENT

Higher weight to torque ratio makes highest efficiency.

DURABLE

Longer service life and durability.



SHAFT MOUNTED DRIVES

LESS COMPONENTS

Elimination of tail bar or rope coupling hence free floating top roller.

FLEXIBILITY

Variable rollers speed.

SMART ASSEMBLY

NO MISALIGNMENT

EXTENDED LIFE OF COMPONENTS

Reduced stress on headstock and bearings.



T

TRANSMISSION SYSTEMS FOR MILLING

MILLS - SHAFT MOUNTED DRIVES SYSTEM

- **VARIABLE MILL ROLLS SPEED**

Hence better extraction, better torque control, flexibility on mill setting and crushing rate.

- **REDUCTION OF STRESSES***

-35% of mill headstock stress.
- 50% of mill rollers stress.

- **LESS CIVIL WORKS**

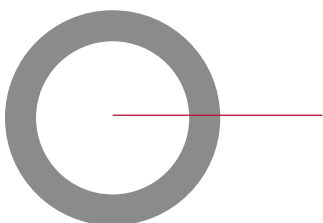
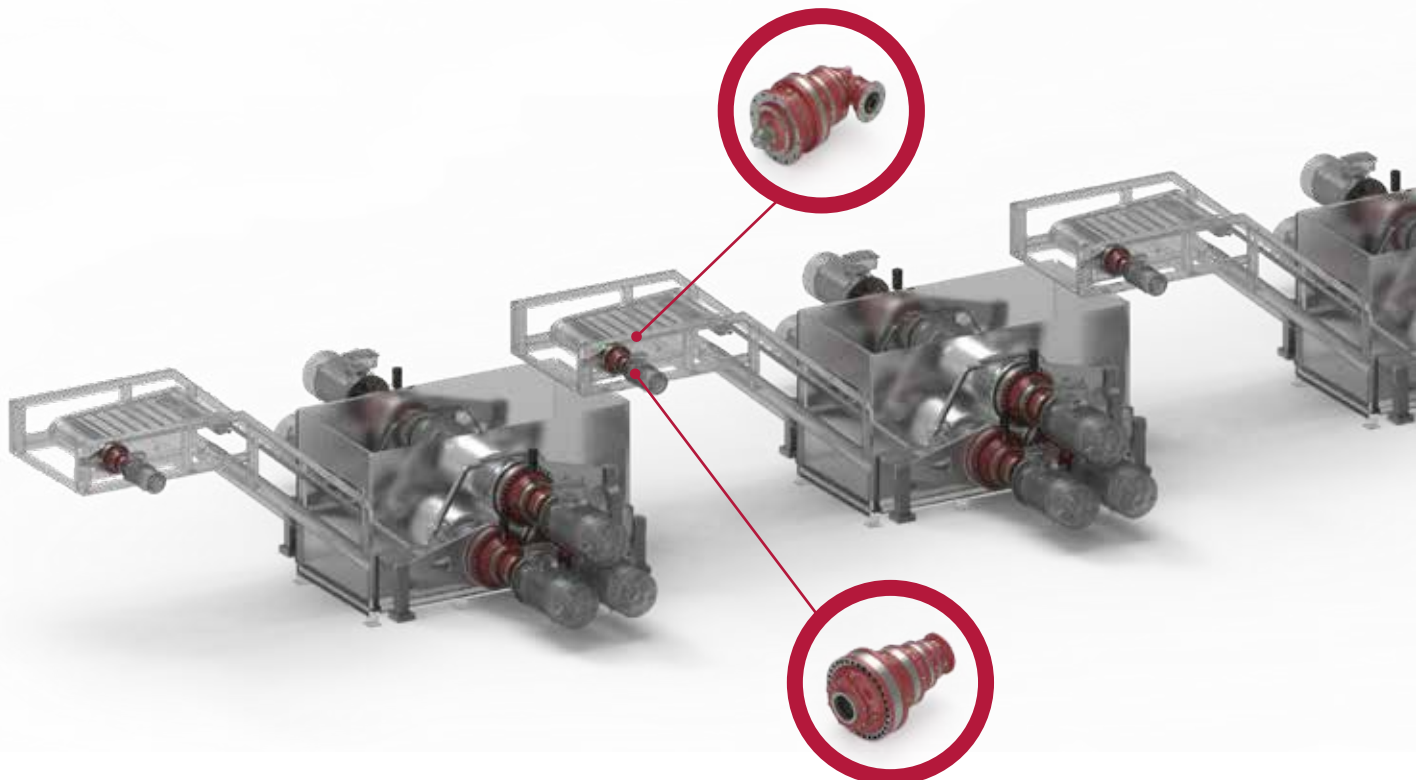
Smaller footprint for milling tandem.

- **REVERSIBLE MOVEMENT**

great advantage during mill chocking.

- **SUSTAINABLE**

Lowest power consumption rate per ton of fiber for milling.



SHAFT MOUNTED 40% COST SAVING*

FOR THE ENTIRE MILL FOUNDATION

**compared to the traditional turbines*

MILLS - FOOT MOUNTED DRIVES SYSTEM

- **DYNAMIC**

Efficient design to absorb torque variation in milling process.

- **COMPLETE DRIVE RANGE**

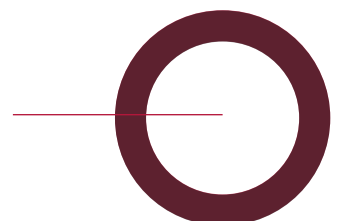
From 30Kw to 2000Kw.

- **IDEAL FOR PLANT REVAMPING AND UPGRADING**

Compact footprint allows easy retrofit on existing installations without major foundation work.

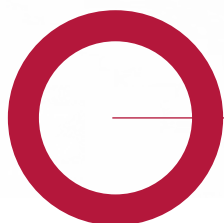
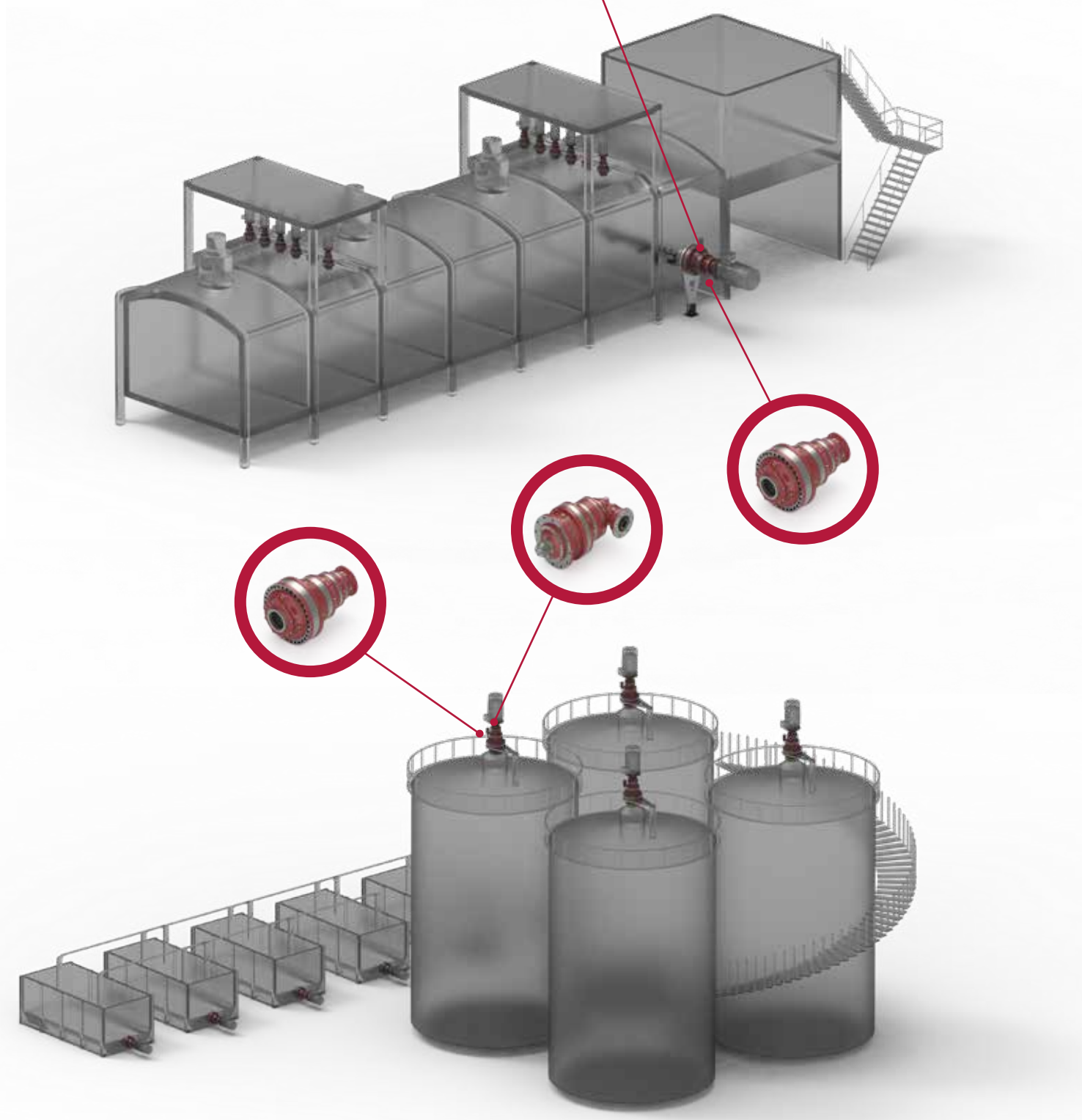


TAYLOR FIT FOR YOUR NEED
MILL SIZE COVERED FROM 100TCD UP TO 30.000TCD



A

APPLICATIONS



CRYSTALLIZER



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Waukesha, WI - UNITED STATES
www.rrusainc.com

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BRANCH OFFICE
Vaughan, On. L4K 4G3 - CANADA
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BRANCH OFFICE
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www.rfrance.fr

RR HOLLAND
BRANCH OFFICE
Oosterhout - NETHERLANDS
www.rrholland.nl

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