

REFERENCE TABLE

Company	Division	Country	Plant	Leveler Type	Steel grade			Speed m / min	
					DWI	SR	DR		
ARCELOR MITTAL	PACKAGING INT.	France	Basse Indre	PMR 1100-11-6		SR	DR	420	
				PMR 1100-11-6		SR	DR	480	
			Ebange	PMR 1100-11-6		SR	DR	500	
			Florange	PMR 1100-11-6		SR	DR	620	
					PMR 1300-13-10	DWI	SR	DR	620
		Belgium	Flemalle	PMR 1100-11-6		SR	DR	450	
			Tilleur	PMR 1100-11-6		SR	DR	360	
		Spain	Aviles	PMR 1300-13-10	DWI	SR	SR	600	
RIVA	ILVA	Italy	Cornigliano	PMR 1100-11-6		SR	DR	360	
				PMR 1100-11-6	DWI	SR	DR	360	
				PMR 1300-11-6	DWI	SR	DR	360	
AHMSA	AHMSA	Mexico	Monclova	PMR 1100-11-8	DWI	SR	DR	240	
				PMR 1100-11-8	DWI	SR	DR	400	
THYSSEN KRUPP	Rasselstein	Germany	Andernach	PMR 1300-13-10		SR	DR	520	
TATA STEEL	CORUS Packaging	Netherlands	Ijmuiden	LR 1300-13-10		SR	DR	600	
US STEEL	US STEEL	Slovak Republic	Kosice	PMR 1100-11-8	DWI	SR	DR	400	
				PMR 1100-11-8	DWI	SR	DR	550	
		USA	Gary (IN)	PMR 1300-13-10	DWI	SR	DR	660	
US STEEL POSCO	US STEEL POSCO	USA	Pittsburg California	PMR 1100-9-6		SR	DR	550	
				PMR 1100-9-6		SR	DR	550	
ERDEMIR	ERDEMIR	Turkey	Eregli	PMR 1100-11-8	DWI	SR	DR	550	
TATA STEEL	TATA STEEL	Netherlands	Ijmuiden	LR 1300-13	DWI	SR	DR	600	
TATA STEEL	TATA STEEL	UK	Trostre	PMR 1300-13	DWI	SR	DR	520	

The REDEX advantage



www.redex.fr

Tension Leveler for Tinning Lines

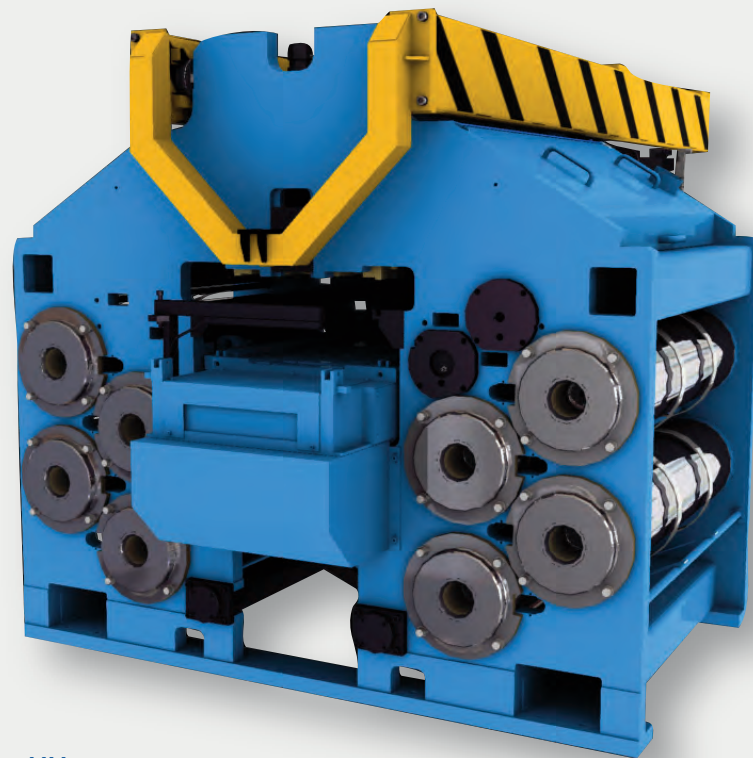
Controlled, constant and accurate elongation

Alternate bending with easy setting for perfect flatness

Till 50 % improvement
with compact design

MODERNIZATION OF EXISTING LINES
EQUIPMENT OF NEW LINES

Grades
- DWI
- SR
- DR

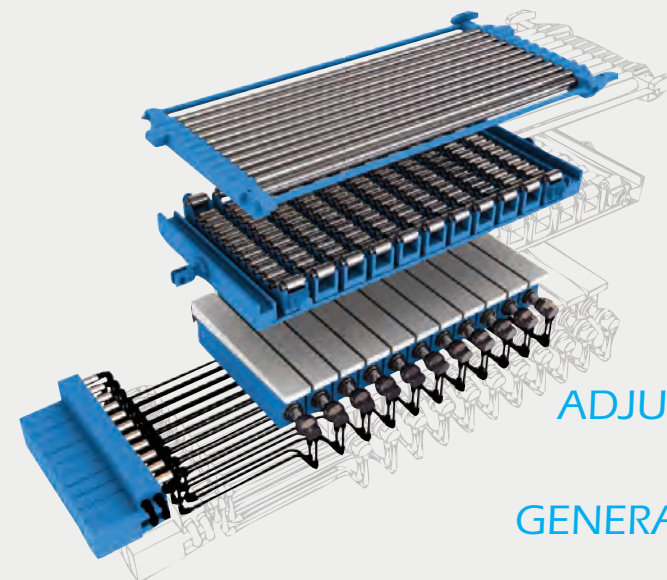


- Waves
- Coil Set
- Cross Bow
- Curvature
- Differential Curvature
- Internal Stresses

Average values &
standard deviation

Developed in cooperation by ARCELOR
PACKAGING International, IRSID and REDEX
within specific RDI program of CECA.

High quality multi-roll leveler

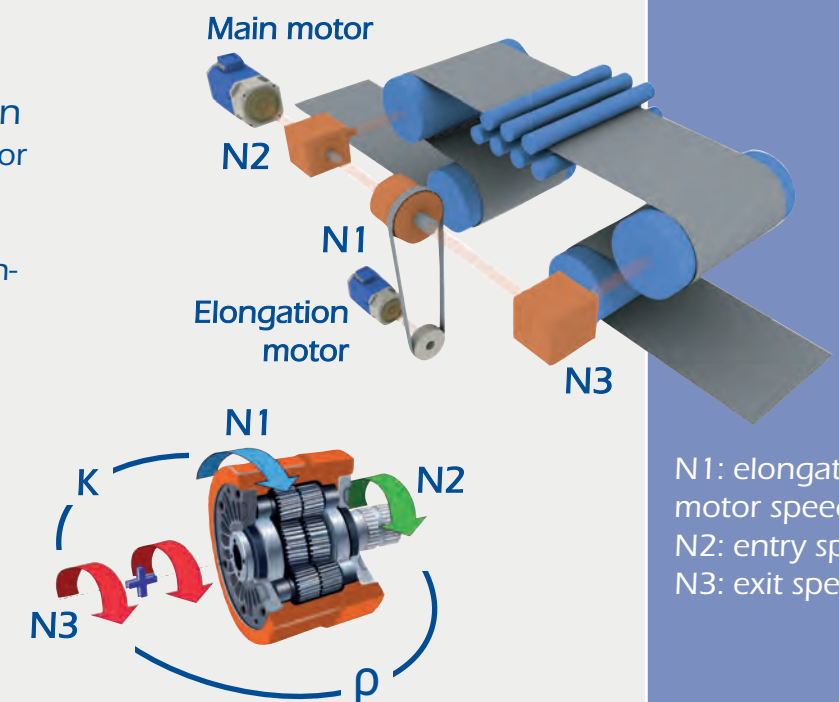


One reliable permanent
presetting per thickness
Valid for any coil
Efficient, low & progressive
flexing process

INTERMESH & CROWN
ADJUSTMENT CONTROLLED
IN CLOSE LOOP
GENERAL ACCURACY 0.02 mm

High accuracy Elongation control
with REDEX Differential Mechanical Drive

- Perfectly constant elongation
Independent from electric motor
quality and stability
Defined only by the fixed
mechanical ratio of the differ-
ential gearbox
- High accuracy elongation
setting



N1: elongation
motor speed
N2: entry speed
N3: exit speed