



Austria
 Ammeraal Beltech GmbH Austria
 tel: +43 1292 9372
 fax: +43 1292 8906
 e-mail: info@ammeraalbeltech.at

Belgium
 Ammeraal Beltech N.V.
 tel: +32 2466 0300
 fax: +32 2466 4272
 e-mail: salesgb@ammeraal-beltech.be

Canada
 Ammeraal Beltech Modular, Inc.
 tel: +1 610 372 1800
 fax: +1 610 372 3590
 e-mail: sales@unichains.com

Chile
 Ammeraal Beltech Chile S.A.
 tel: +56 2669 6975
 fax: +56 2669 6709
 e-mail: ventas@ammeraalbeltech.cl

China
 AA Industrial Belting (Shanghai) Co. Ltd.
 tel: +86 21 6534 4690
 fax: +86 21 6548 0430
 e-mail: webmaster@ammeraalbeltech.com.cn

Czech Republic
 Ammeraal Beltech s.r.o.
 tel: +420 567 563 631
 fax: +420 567 330 637
 e-mail: prode@ammeraalbeltech.cz

Denmark
 Ammeraal Beltech Modular A/S
 tel: +45 7572 3100
 fax: +45 7572 3348
 e-mail: salesnordic@unichains.dk

Finland
 Ammeraal Beltech Oy
 tel: +358 207 911 400
 fax: +358 207 911 450
 e-mail: info@ammeraalbeltech.fi

France
 Ammeraal Beltech S.A.S.
 tel: +33 3 2090 3600
 fax: +33 3 2032 2917
 e-mail: client@ammeraalbeltech.fr

Germany
 Ammeraal Beltech Modular GmbH
 tel: +49 5971 91437 0
 fax: +49 5971 91547 5
 e-mail: admin@unichains.de

Hungary
 Ammeraal Beltech Lőrincz Ltd.
 tel: +36 2342 7510
 fax: +36 2342 7511
 e-mail: info@ammeraalbeltech.hu

Ireland
 Ammeraal Beltech Ireland
 tel: +44 121 559 0377
 fax: +44 121 559 0373
 e-mail: admin@unichains.co.uk

Italy
 uni-chains italia s.r.l.
 tel: +39 0522 922470
 fax: +39 0522 922508
 e-mail: unichains@unichains.it

Japan
 Ammeraal Beltech K.K.
 tel: +81 52 209 2977
 fax: +81 52 231 1102
 e-mail: s-sakai@unichains.co.jp

Luxembourg
 Ammeraal Beltech S.a.r.l.
 tel: +352 2648 3856
 fax: +352 2648 3857
 e-mail: sales@ammeraal-beltech.lu

Malaysia
 Ammeraal Beltech Sdn. Bhd.
 tel: +60 3 8061 8849
 fax: +60 3 8061 8935
 e-mail: sales.kl@ammeraalbeltech.com.my

Netherlands
 Ammeraal Beltech B.V.
 tel: +31 72 575 1212
 fax: +31 72 574 3364
 e-mail: info@ammeraalbeltech.nl

Norway
 Ammeraal Beltech Modular NO
 tel: +47 2220 2699
 fax: +45 7572 3348
 e-mail: salesnordic@unichains.com

Portugal
 Ammeraal Beltech S.A.
 tel: +351 22 947 9440
 fax: +351 22 941 3081
 e-mail: geral@ammeraalbeltech.pt

Russia
 O.O.O. Ammeraal
 tel: +07 495 234 2357
 fax: +07 495 234 8803
 e-mail: ammeraal@mtu-net.ru

Singapore
 Ammeraal Beltech Pte Ltd.
 tel: +65 6273 9767
 fax: +65 6273 5490
 e-mail: sales@ammeraalbeltech.com.sg

Slovakia
 Ammeraal Beltech s.r.o.
 tel: +421 2 5564 8541
 fax: +421 2 5564 8543
 e-mail: predaj@ammeraalbeltech.sk

South Korea
 Ammeraal Beltech Co. Ltd.
 tel: +82 31 448 3613 7
 fax: +82 31 448 3618
 e-mail: amel@ammeraalbeltech.co.kr

Spain
 Ammeraal Beltech S.A.
 tel: +34 961 2186 38
 fax: +34 961 2186 39
 e-mail: cem@ammeraalbeltech.es

Sweden
 Ammeraal Beltech AB
 tel: +46 44 43015
 fax: +46 44 43349
 e-mail: info@ammeraal-beltech.se

Switzerland
 Ammeraal Beltech AG
 tel: +41 55 2253 535
 fax: +41 55 2253 636
 e-mail: info@ammeraal-beltech.ch

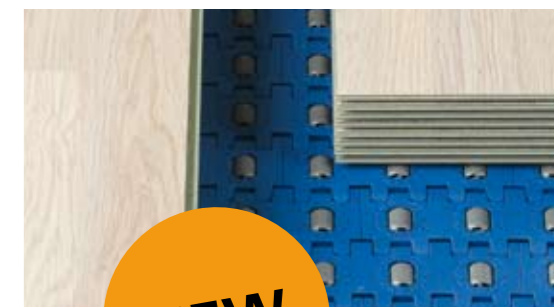
Thailand
 Ammeraal Beltech Co. Ltd.
 tel: +66 2902 2604
 fax: +66 2902 0422
 e-mail: sales@ammeraalbeltech.th.com

Ukraine
 ABSC Ukraine Ltd.
 tel: +380 563 723211
 fax: +380 563 713100
 e-mail: ammeraal@ukr.net

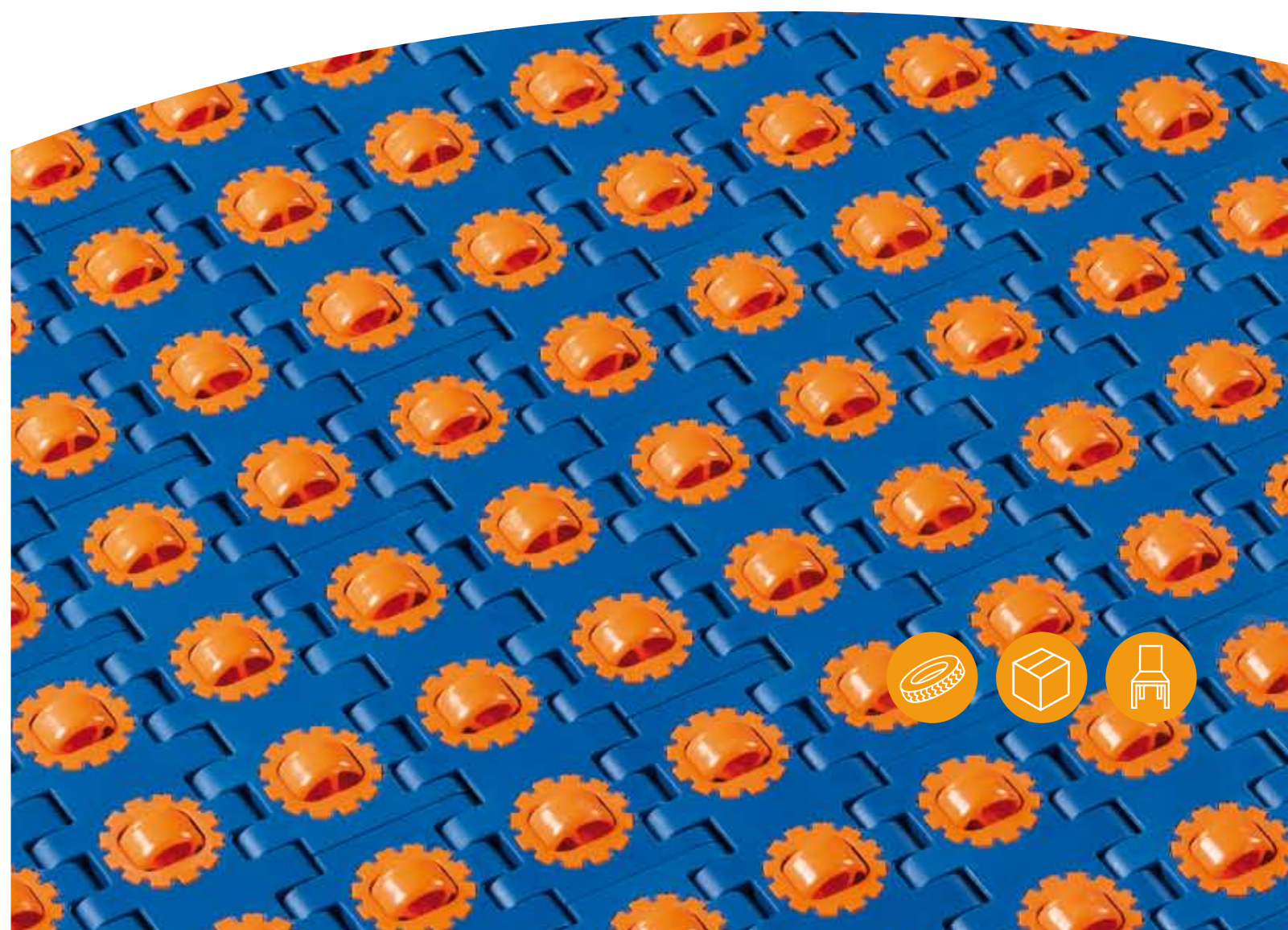
United Kingdom
 Ammeraal Beltech UK
 tel: +44 121 559 0377
 fax: +44 121 559 0373
 e-mail: modular@ammeraalbeltech.co.uk

United States
 Ammeraal Beltech Modular, Inc.
 tel: +01 610 372 1800
 fax: +01 610 372 3590
 e-mail: sales@unichains.com

www.unichains.com



Plastic Modular Belt Series uni RTB



Standard Selection



uni RTB M1

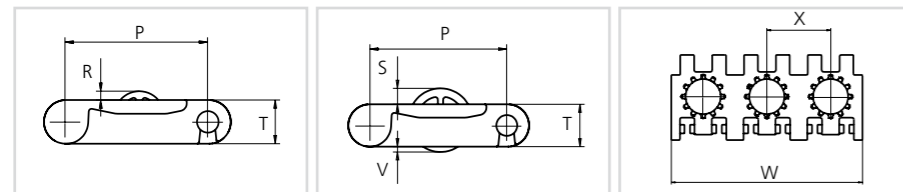
uni RTB M2

uni RTB M2 Rubber

Roller diameter:

uni RTB M1: 17.9 mm (0.70 in.) | uni RTB M2 & uni RTB M2 Rubber: 23.9 mm (0.94 in.)

Dimensional Sketches

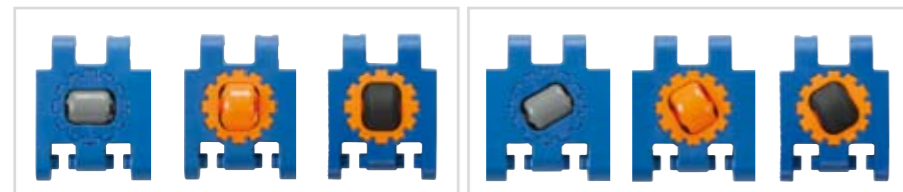


uni RTB M1

uni RTB M2 |
uni RTB M2 Rubber

uni RTB M1 | uni RTB M2
uni RTB M2 Rubber

Roller Positions



uni RTB M1 | uni RTB M2 | uni RTB M2 Rub.
000°

uni RTB M1 | uni RTB M2 | uni RTB M2 Rub.
030°



uni RTB M1 | uni RTB M2 | uni RTB M2 Rub.
060°

uni RTB M1 | uni RTB M2 | uni RTB M2 Rub.
090°



uni RTB M1 | uni RTB M2 | uni RTB M2 Rub.
120°

uni RTB M1 | uni RTB M2 | uni RTB M2 Rub.
150°

Standard Materials and Colors

Type	Standard materials and colors	Standard roller materials and colors	Standard cover plate materials and colors	Standard pin materials for rollers
uni RTB M1	POM-S B	POM-NL G	POM-NL B	SS304
uni RTB M2	POM-S B	POM-NL O	POM-NL O	SS304
uni RTB M2 Rubber	POM-S B	01 K / POM-NL O	POM-NL O	SS304

- Travel direction**
Straight running
- Pitch**
50.8 mm (2.00 in.)
- Backflex radius**
65.0 mm (2.56 in.)

Dimensions

	mm	in.
P	50.8	2.00
T	16.0	0.63
R	3.0	0.12
S	6.0	0.24
V	2.0	0.08
W	152.8	6.00
X	50.8	2.00

FEATURES

“uni RTB - State of The Art in Roller Top Modular Belts”

>Multiple options in roller positioning make uni RTB the smartest straight running modular belt.<

uni RTB is the most flexible and reliable handling solution for your products to be conveyed.

Standard Bricklaid Belt Widths

mm	in.	mm	in.	mm	in.	mm	in.
153	6.0	509	20.0	865	34.1	1222	48.1
204	8.0	560	22.0	916	36.1	1273	50.1
255	10.0	611	24.0	967	38.1	1323	52.1
305	12.0	662	26.1	1018	40.1	1374	54.1
356	14.0	713	28.1	1069	42.1	1425	56.1
407	16.0	764	30.1	1120	44.1	1476	58.1
458	18.0	814	32.1	1171	46.1	1527	60.1

On above belt width values, the belt width tolerance on standard materials is +0/-0.4% at 23°C/73°F.

Permissible Tensile Strengths

uni RTB M1, uni RTB M2 & uni RTB M2 Rubber | Belt material: POM: 27500 N/m (1884 lbf/ft)

Belt Weights

uni RTB M1, uni RTB M2 & uni RTB M2 Rubber | Belt material: POM: 20.1 kg/m² (4.12 lb/ft²)

The Pinless Snap Link® design enables easy assembling and provides product reliability

Standard Sprockets



- No. of teeth:** 6, 8, 10, 12, 16
- Sprocket width:** 42.3 mm (1.67 in.)
- Tooth width:** 9.5 mm (0.37 in.)
- Standard material:** PA6

Other sprocket sizes and two-part sprockets are available upon request.

Max. Load per Sprocket

uni RTB M1, uni RTB M2 & uni RTB M2 Rubber | Belt material: POM: 2000 N (337 lbf)

INDUSTRIES

The Number One Belt in the following industries/applications:

- Packaging industry
- Tire and rubber industries:
 - Collector belt of finished tires from vulcanizing/curing presses
 - Final finish tire handling
 - Sorting application
 - Merging application
 - 90-180 degree turning
 - Tyre accumulation
 - Semiproducts handling
 - Rubber tape slitting equipment



Belt: uni RTB M2

BENEFITS

Operational product benefits:

- High efficiency by eliminating jams, line stoppages and product damage
- Ability to handle many different product sizes without controls or manual adjustments
- Easy replacement/maintenance of rollers
- High temperature resistance and no blocking rollers when in contact with sticky rubber



Belt: uni RTB M1