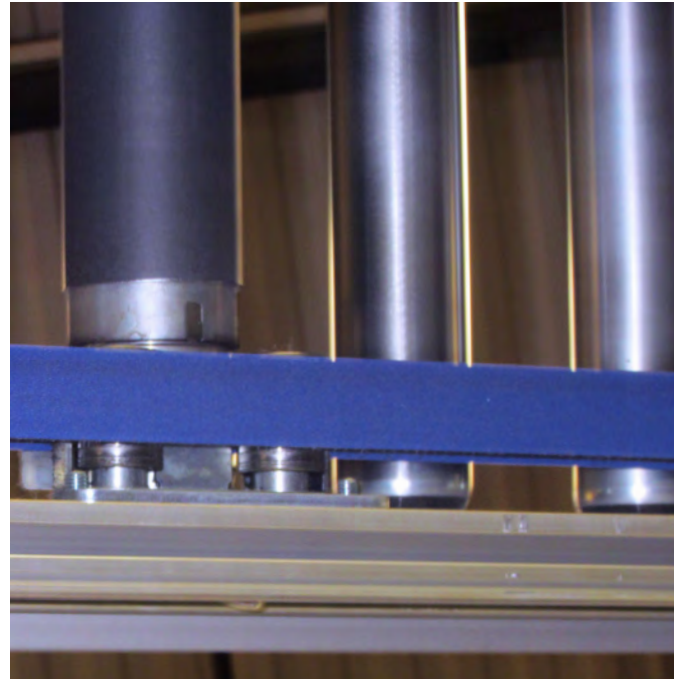


AU

RAPPLON® Roller Drive Flat Belts



When fast replacement matters most

Roller drive systems can be found everywhere – in logistics, in warehousing, in manufacturing and in the Food Industry.

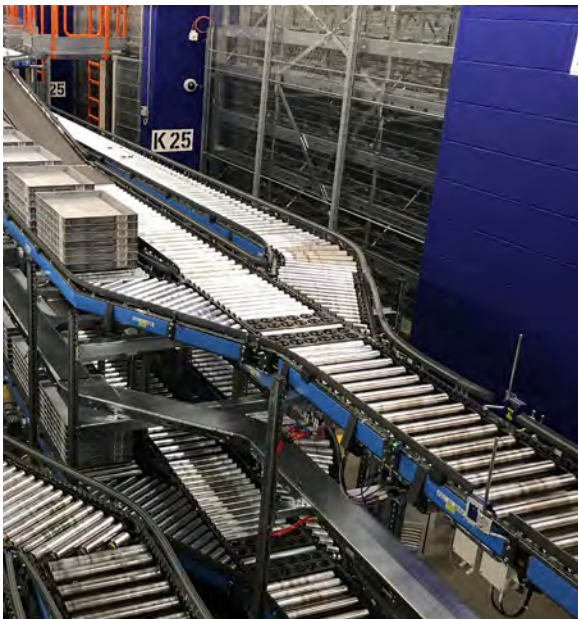
There are three main types of systems.

The **first** is a continuous running type, where goods don't stop on the conveyor.

The **second** is low-pressure or minimum-pressure accumulation, where the belt is pressed against the carrying rollers and, when goods accumulate, pressure is reduced and the carrying rollers stop but the belt continues to move.

The **third** kind is a zero-pressure accumulation system; one solution is through the use of pressure rollers that move up and down to engage and disengage the belt from contact with the carrying rollers.

RAPPLON® High Performance Flat Belts are available for use in a wide selection of belting solutions for all three system types, delivering excellent performance under conditions that may include wide temperature variations, fully loaded stops and starts, exposure to oil, grease and dirt and other operational or environmental challenges.



RAPPLON® Belts with Polyamide foil tension members are durable belts capable of handling heavy loads and difficult workplace conditions. What's more, they require no tracking guides and are permanently anti-static, cutting down on maintenance issues.

RAPPLON® QuickSplice Belts with Polyester fabric tension members make splicing fast and effortless, with easy-to-achieve failure-free joints and a post-splice uniform belt thickness across the seam area for perfect operating performance.

The belts are impervious to moisture and have excellent dimensional stability, ensuring efficiency and consistency over a long service life. Like other RAPPLON® belts, QuickSplice belts are permanently anti-static, preventing maintenance issues such as those stemming from dust build-up.

Selection Guide for the RAPPLON® Roller Drive Range

Technical Data for RAPPLON® Roller Drive Flat Belts

| Article number | RAPPLON® Belt description | Thickness in mm | K1 % in N/mm dynamic | Recommended elongation % | Min. pulley Ø at 20°C in mm | Friction top/bottom |
|--|---------------------------|-----------------|----------------------|--------------------------|-----------------------------|---------------------|
| RAPPLON® Classic Flat Belts | | | | | | |
| 54702 | GT S04 RC | 1.30 | 4 | 2.0 - 3.0 | 20 | low / high |
| 54703 | GT S06 RC | 1.40 | 6 | 2.0 - 3.0 | 40 | low / high |
| 54738 | GG S04.17 RFC | 1.70 | 4 | 2.0 - 3.0 | 20 | high / high |
| 54734 | GG S06.18 RFC | 1.80 | 6 | 2.0 - 3.0 | 40 | high / high |
| 54733 | GG S09.22 RFC | 2.20 | 9 | 2.0 - 3.0 | 60 | high / high |
| 54530 | GG S11.26 RFC | 2.60 | 11 | 2.0 - 3.0 | 60 | high / high |
| 54748 | GG S15.30 RRC | 3.00 | 15 | 2.0 - 3.0 | 80 | high / high |
| 54749 | GG S18.40 RRC | 4.00 | 18 | 2.0 - 3.0 | 160 | high / high |
| RAPPLON® QuickSplice Flat Belts | | | | | | |
| 54614 | GG E08.20 RRQ | 2.00 | 8 | 0.5 - 1.5 | 25 | high / high |
| 54655 | GG E15.20 RFQ | 2.00 | 15 | 0.5 - 1.5 | 25 | high / high |
| 54656 | GG E15.25 RFQ | 2.50 | 15 | 0.5 - 1.5 | 25 | high / high |
| 54665 | GG E22.25 RFQ | 2.50 | 22 | 0.5 - 1.5 | 40 | high / high |
| 54657 | GG E15.30 RFQ | 3.00 | 15 | 0.5 - 1.5 | 40 | high / high |
| 54666 | GG E22.30 RFQ | 3.00 | 22 | 0.5 - 1.5 | 60 | high / high |
| 54627 | GG E35.30 RRQ | 3.00 | 35 | 0.5 - 1.5 | 60 | high / high |
| 54561 | UU E15.20 RFQ FG | 2.00 | 15 | 0.5 - 1.5 | 30 | medium / medium |
| 54555 | UU E22.20 RRQ FG | 2.00 | 22 | 0.5 - 1.5 | 30 | medium / medium |
| 54542 | UU E15.30 RFQ FG | 3.00 | 15 | 0.5 - 1.5 | 30 | medium / medium |
| 54556 | UU E22.30 RRQ FG | 3.00 | 22 | 0.5 - 1.5 | 40 | medium / medium |



The right choice

We can help you choose the right belts for all your roller drive applications. To find exactly what you need, contact your nearest Ammeraal Beltech agent, and let us also tell you about our **E-RappCalc® Online Calculation Tool**, for easy and accurate dimensioning of your new RAPPLON® Flat Belt.

Please contact your nearest Ammeraal Beltech agent and complete our questionnaire. We will supply you the optimal belt for your system.

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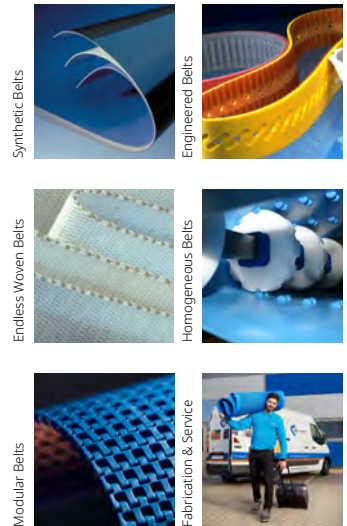
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