Belts for the Marble and Ceramic Industries
Knowing Your Production Processes

When it comes to the Marble and Ceramic industries, it’s the belts that drive production. Ammeraal Beltech works closely with key OEMs around the world to develop durable and precise performance belting solutions for the entire range of production applications of both natural and synthetic stone processing, including:

- block cutting and splitting
- calibration and slab polishing
- chamfering and edge polishing
- mixing and dosing raw materials
- forming engineered slabs in the production of synthetic materials

Ammeraal Beltech customers know that the investment the company has always made in innovation and growth will keep their businesses at the forefront of new industry developments and bring them the benefits of a global belting industry company with strategically located manufacturing facilities for quick turnaround times.

We offer a wide range of belting products. By choosing Ammeraal Beltech, you can not only reduce your supplier base, you will also have access to our worldwide network of industry and product specialists.
A Trusted Partner in the Marble and Ceramic Industries

Ammeraal Beltech works with distributors and OEMs as partners, to provide conveyor and process belting solutions that can improve product quality, reduce maintenance times and lower manufacturing costs.

Innovative solutions to meet customer challenges:

<table>
<thead>
<tr>
<th>Industry challenges</th>
<th>Ammeraal Beltech solutions – several hardnesses</th>
</tr>
</thead>
<tbody>
<tr>
<td>movement of the marble slab or ceramic product during polishing</td>
<td><strong>Soft, 46 – 55 ShA cover hardness PVC belts</strong></td>
</tr>
<tr>
<td>product positioning</td>
<td>• Very elastic and soft cover with a high coefficient of friction.</td>
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<tr>
<td>water accumulation</td>
<td>• Large variety of profiles ensures the availability of the right belt for any application where a high grip is required.</td>
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<td>heavy loads</td>
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<tr>
<td>abrasive environment</td>
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<tr>
<td>high grip required</td>
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<tr>
<td>high coefficient of friction required</td>
<td></td>
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<tr>
<td>presence of mineral oils, hydrocarbons, and detergents</td>
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</table>

**55 ShA cover hardness PVC belts**
- Specifically designed for marble, granite, ceramic polishing and gauging machines.
- Bottom side fabric has a PU impregnation for a low coefficient of friction and protection against pollution.
- High grip top side for stable polishing.
- Usually feature a 4 ply high strength carcass.
- Very low elongation.
- High resistance to cutting.
- Pattern structure for good water drainage.

**74 ShA hardness PVC belts**
- Good resistance to abrasion and cutting.
- Suitable for conveying in the presence of mineral oils, hydrocarbons, and detergents.
- Different cover hardnesses and profile designs.
## Natural Stone Processes

<table>
<thead>
<tr>
<th>Machinery</th>
<th>Materials</th>
<th>Products</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Marble</td>
<td>FBLT054049</td>
</tr>
<tr>
<td>Block cutting machine</td>
<td>Marble</td>
<td>✔</td>
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<tr>
<td></td>
<td>Granite</td>
<td></td>
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<tr>
<td>Grinding machine</td>
<td>Marble</td>
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<tr>
<td></td>
<td>Granite</td>
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<tr>
<td></td>
<td>Gres/Ceramic</td>
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<tr>
<td>Slab polishing machine</td>
<td>Marble</td>
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<td></td>
<td>Gres/Ceramic</td>
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<tr>
<td>Splitting machine</td>
<td>Marble</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Granite</td>
<td></td>
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<tr>
<td>Calibration and Polishing Machine</td>
<td>Marble</td>
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</tr>
<tr>
<td></td>
<td>Gres/Ceramic</td>
<td></td>
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<tr>
<td>Chamfering, Flaming and Bush-hammering machines</td>
<td>Marble</td>
<td></td>
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<tr>
<td></td>
<td>Granite</td>
<td></td>
</tr>
<tr>
<td>Edge polishing machine</td>
<td>Marble</td>
<td></td>
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<tr>
<td></td>
<td>Granite</td>
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</table>

This application/conveyor belts table does not claim to be complete; it’s only a suggestion of potential solutions. Contact Ammeraal Beltech for more information.
**Block Cutting Machine**

**FBLT054049 & FBLT054050**  
*LT S18 C & LT S27 C*  
Leather flat belt with fabric top surface. Medium friction can handle peak loads and best suited for lateral movement.

The correct belt selection is crucial to ensure the optimal power transmission, therefore a correct calculation is required. Please ask our specialists.

**Grinding Machine**

**SBMD000116**  
*Flexam EF 40/3 01+R19 Dark Green*  
PVC conveyor belt, 74 ShA, 3 plies, R19 top cover profile, resistant to mineral oils, hydrocarbons and detergents. Good abrasion resistance.

**SBMD000117**  
*Flexam EF 50/3 01+R19 Dark Green*  
PVC conveyor belt, 74 ShA, 3 plies. Thin hemispherical R19 profile allows the best adhesion to the workpiece. Good abrasion resistance.

**SBMD000118**  
*Flexam EF 70/4 00+R6 Dark Green*  
PVC conveyor belt, 74 ShA, 4 plies, with R6 surface design. This rhomboidal profile is especially designed to assure maximum adhesion of the conveyed product and drainage of water.
Slab Polishing Machine

SBMD000135
Flexam EF 50/3 01+R19 Dark Green
PVC conveyor belt, 46 ShA, 3 plies. Its very flexible cover and R19 structure surface guarantee both grip and drainage of water.

SBMD000137
Flexam EF 70/4 00+R20 Dark Blue
Very strong PVC conveyor belt, 55 ShA, 4 plies. High stability of the products conveyed.

SBMD000138
Flexam EF 70/4 00+R8 Dark Blue
PVC conveyor belt, 55 ShA, 4 plies. High profile with tooth-saw design, being an evolution of our classical profile, allows maximum stability of the marble and granite slabs also for thin and slightly bulged slabs.

Splitting Machine

SBMD000117
Flexam EF 50/3 01+R19 Dark Green
PVC conveyor belt, 74 ShA, 3 plies. Thin, hemispherical profile allows the best adhesion to the workpiece. Good abrasion resistance.
Calibration and Polishing Machine

**SBMD000116**

*Flexam EF 40/3 01+R19 Dark Green*  
PVC conveyor belt, 74 ShA, 3 plies, R19 top cover structure, resistant to mineral oils, hydrocarbons and detergents.

**SBMD000117**

*Flexam EF 50/3 01+R19 Dark Green*  
PVC conveyor belt, 74 ShA, 3 plies. Thin hemispherical profile allows the best adhesion to the workpiece. Good abrasion resistance.

**SBMD000118**

*Flexam EF 70/4 00+R6 Dark Green*  
PVC conveyor belt, 74 ShA with R6 surface design. This rhomboidal profile is especially designed to assure maximum adhesion of the conveyed product and drainage of water.

**SBMD000135**

*Flexam EF 50/3 01+R19 Dark Green*  
PVC conveyor belt, 46 ShA, 3 plies. Its very flexible cover and R19 structure surface guarantee both grip and drainage of water.

**SBMD000137**

*Flexam EF 70/4 00+R20 Dark Blue*  
Very strong 4 plies PVC conveyor belt, 55 ShA. High stability of the products conveyed.
SBMD000135
Flexam EF 50/3 01+R19 Dark Green
PVC conveyor belt, 46 ShA, 3 plies. Its very flexible cover and R19 structure surface guarantee both grip and drainage of water.

SBMD000137
Flexam EF 70/4 00+R20 Dark Blue
PVC conveyor belt, 55 ShA, 4 plies. High stability of the products conveyed.

SBMD000114
Flexam EM 16/3 0+R19 Dark Green AS
PVC conveyor belt, 74 ShA, 3 plies, R19 cover surface; good resistance to abrasion.

SBMD000138
Flexam EF 70/4 00+R8 Dark Blue
PVC conveyor belt, 55 ShA, 4 plies. High profile with tooth-saw design, being an evolution of our classical profile, allows maximum stability of the marble and granite slabs also for thin and slightly bulged slabs.

Chamfering Machine

Edge Polishing Machine
Synthetic Process

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<td>Mixture and Dosing</td>
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<tr>
<td>Engineered stone press – slab forming</td>
<td></td>
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<tr>
<td>Conveying of engineered stone powders</td>
<td></td>
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</table>

Mixture and Dosing Machine

**SBMD000075**
*Excon EF 30/3 07+20 Dark Green AS FG FR*
Flexible PVC conveyor belt, 75 ShA, 3 plies, oil and fat resistant. Antistatic properties, tear resistance according DIN 53363 and flame retardant according ISO 340.

**SBPO514361**
*Poliflex ESM 10/2 0+02 transparent M1 AS FG NL*
Polyolefin conveyor belt, 92 ShA cover hardness. Matte cover, 2 plies.

**SBPE510440**
*Peflex ESM 15/3 0+02 transparent M1 AS FG NL*
Polyolefin conveyor belt, 92 ShA cover hardness. Matte cover, 3 plies.
Engineered Stone Slab Forming

Conveying of Engineered Stone Powders

**SBMD000205**
*Flexam EF 45/2 R14+R14 black*
Flexible conveyor belt, 2 plies, perfect vacuum sealed, extraordinary resistance to abrasion from vibration process, very good temperature and solvents resistance.

**SBFL570180**
*Flexam EM 15/3 0+10 Green AS FG*
Flexible PVC conveyor belt, 72 ShA, 3 plies, oil and fat resistant.
Just-in-time delivery

At Ammeraal Beltech, we understand the importance of keeping your business running because we know just how costly and disruptive downtime can be.

Ammeraal Beltech offers a wide range of belting solutions and accessories to help you improve processes to secure a seamless operation.

Ammeraal Beltech has a Global Sales and a Partner Network ready to help round the clock!

A solid combination of geographical coverage, industry-segment knowledge and product management is the foundation of our innovative and service-oriented organization.

Quick, easy and precise belt splicing

With our expanded Maestro splice equipment range, Ammeraal Beltech has taken an important step forward in the critical areas of splice quality, speed, and precision.

Our new compact, hand-held, computerised splicing press control-box is the perfect complement to our Maestro press, and makes precise splicing as easy as 1-2-3.

Find out more at www.ammeraalbeltech.com
Local Contacts

... and 150 more service contact points at ammeraalbeltech.com

Argentina
T +54 11 4218 2906
info-ar@ammeraalbeltech.com

Australia
T +61 3 8780 6000
info-au@ammeraalbeltech.com

Austria
T +43 171728 133
info-de@ammeraalbeltech.com

Belgium
T +32 2 466 03 00
info-be@ammeraalbeltech.com

Canada
T +1 905 890 1311
info-ca@ammeraalbeltech.com

Chile
T +56 2 233 12900
info-cl@ammeraalbeltech.com

China
T +86 512 8287 2709
info-cn@ammeraalbeltech.com

Colombia
T +57 893 9890
info-co@ammeraalbeltech.com

Czech Republic
T +420 567 117 211
info-cz@ammeraalbeltech.com

Denmark
T +45 7572 3100
info-dk@ammeraalbeltech.com

Finland
T +358 207 911 400
info-fi@ammeraalbeltech.com

France
T +33 3 20 90 36 00
info-fr@ammeraalbeltech.com

Germany
T +49 4152 937-0
info-de@ammeraalbeltech.com

Hungary
T +36 30 311 6099
info-hu@ammeraalbeltech.com

India
T +91 44 265 34 244
info-in@ammeraalbeltech.com

Israel
T +972 4 6371485
info-il@ammeraalbeltech.com

Italy
T +39 051 660 60 06
info-it@ammeraalbeltech.com

Japan
T +81 52 433 7400
info-ja@ammeraalbeltech.com

Luxembourg
T +352 26 48 38 56
info-lu@ammeraalbeltech.com

Malaysia
T +60 3 806 188 49
info-my@ammeraalbeltech.com

Mexico
T +52 55 5341 8131
info-mx@ammeraalbeltech.com

Netherlands
T +31 72 57 51212
info-nl@ammeraalbeltech.com

Poland
T +48 32 44 77 179
info-pl@ammeraalbeltech.com

Portugal
T +351 22 947 94 40
info-pt@ammeraalbeltech.com

Slovakia
T +421 2 55648541-2
info-sk@ammeraalbeltech.com

South Korea
T +82 31 448 3613-7
info-kr@ammeraalbeltech.com

Spain
T +34 93 718 3054
info-es@ammeraalbeltech.com

Sweden
T +46 44 780 3010
info-se@ammeraalbeltech.com

Switzerland
T +41 55 225 35 35
info-ch@ammeraalbeltech.com

Thailand
T +66 2 902 2604-13
info-th@ammeraalbeltech.com

Turkey
T +90 232 877 0700
info-tr@ammeraalbeltech.com

United Kingdom
T +44 1992 500550
info-uk@ammeraalbeltech.com

United States
T +1 847 673 6720
info-us@ammeraalbeltech.com

Vietnam
T +84 8 376 562 05
info-vn@ammeraalbeltech.com

Expert advice and quality solutions for all your belting needs.