C500 Series

Hygienic leveling feet

Movex

www.movexii.com
C500

Hygienic & Certified

**Hygienic Design**
Completely sanitized and certified.

**Superior Durability**
Thanks to the threaded part’s cover.

**Saving (Energy, water, detergents)**
Fewer resources and time for sanitation.

**Cleanliness**
Reduced washing cycle.

**Food contact Certified**
C500 series design is suitable in food application.

**Certified product**
C500 series is certified 3A and EHEDG.

The best choice for hygienic environments!

Specifically designed for industrial environments with critical hygienic level, Movex® leveling feet are the perfect solutions for dairy, food, chemical and pharmaceutical industries, subjected to daily washing cycles.

The C500 series offers a complete protection against bacterial proliferation and guarantees reduced washing cycle time as well as self-draining surfaces able to drain external elements easier than traditional systems.

Baseplate, spindle and cover are produced exclusively in AISI 304, with surface finishing lower than 0,8 μm, silicon blue seals are FDA approved and easily detectable by industrial scanner.
Description and Features

- Silicon blue seal positioned at the end of the cover to seal the threaded part
- Silicon blue seal inside the cover to seal the spindle
- Stainless steel cover to protect threaded spindle
- Silicon blue seal to guarantee spindle and base closure
- Vulcanized NBR anti-slip rubber to guarantee hermetic closure between the leveler and the floor
- Stainless steel base in AISI 304 with self-draining surface to reduce washing time
- Certified nut with blue seals to fix the leveling foot to the floor

Available range

- **C500 Series**
  - For standard applications
- **C500 Series SPLIT**
  - For application with higher floor slope or where separate base and spindle is required
- **C500 Series HEAVY**
  - For high load applications
- **C500 Series HEAVY-SPLIT**
  - For high load applications where the separate base and spindle is required

General products features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Baseplate diameters</td>
<td>Ø60-Ø150 mm</td>
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<tr>
<td>Spindle threads</td>
<td>M12-M36</td>
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<tr>
<td>Maximum load</td>
<td>4,500-150,000 N</td>
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<tr>
<td>Max tensile strength</td>
<td>4,000-8,000 N</td>
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<tr>
<td>Total heights</td>
<td>182,5-305 mm</td>
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<td>Adjustment heights</td>
<td>45-65 mm</td>
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Material description:

- Feet baseplates in AISI 304
- Spindles and covers in AISI 304
- Blu seals for hermetic closure
- Vulcanized anti-slip rubber

Provided documentation:

- Official hygienic certifications
- Installation instruction
- Maintenance and cleaning instructions
- Material declaration of conformity (available in the catalogue)
Product range

C500 SERIES
HYGIENIC AND CERTIFIED STAINLESS STEEL LEVELERS

C500 STANDARD
Available Ø 60 | 80 | 105 | 125 | 150
Height variation 105-270 mm
Load up to 45,000 N
Blue seals for hermetic closure
Reduced roughness

C500 SPLIT
Available Ø 60 | 80 | 105 | 125 | 150
Height variation 105-270 mm
Load up to 45,000 N
Blue seals for hermetic closure
Reduced roughness

C500 HEAVY
Available Ø 80 | 105 | 125 | 150
Height variation 102.5-259.5 mm
Load up to 150,000 N
Blue seals for hermetic closure
Reduced roughness

C500 HEAVY-SPLIT
Available Ø 60 | 80 | 105 | 125 | 150
Height variation 102.5-259.5 mm
Load up to 150,000 N
Blue seals for hermetic closure
Reduced roughness

*Please find out all related information and article numbers on our leveling feet catalogue, visit our web site or ask directly to your sales representative.
Selection guide

**Top cover**

**HYGIENIC AND CERTIFIED**

**Main features:**
- Blue seal for hermetic closure
- Perfect to protect the thread spindle
- Available from M12 to M36

**Hygienic nut**

**HYGIENIC AND CERTIFIED**

**Main features:**
- Blue seal for hermetic closure
- Available from M6 to M20

Replacement of original components and accessories with others of a type not approved by Movex, doesn’t allow the high hygienic standard and makes product certification invalid.
The C500 series, with overmolded baseplate in AISI 304 stainless steel, threaded spindle with cover and hermetic seals is the best choice for industrial environments with critical hygienic level, like dairy, food, chemical and pharmaceutical industries, subjected to daily washing cycles.

The stainless steel baseplate and its particular shape guarantee an excellent cleanability, especially in critical conditions; the stainless steel cover offers 100% thread protection and avoids its exposure to external agents; the three seals (blue silicone detectable with food scanner) placed respectively inside the cover and between the spindle and the baseplate guarantee a hermetic closure, avoiding any external parts infiltration and the NBR rubber guarantees anti-slip properties and hermetic closure between the leveller and the floor.

Maximum compressive strength (static load) as in the table, maximum tensile strength (static load) 4.000 N

### Leveling feet Ø 80 mm

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### Leveling feet Ø 125 mm

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Other threads available: M12 | M30 | M36

Other diameters available: 60 | 105 | 150 mm

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C500 SPLIT
HYGIENIC AND CERTIFIED STAINLESS STEEL LEVELER

Main features:
• Overmolded self-draining baseplate in AISI 304 stainless steel
• Spindle and cover in AISI 304 stainless steel
• Blue seals for hermetic closure
• Vulcanized anti-slip NBR rubber
• Separate spindle and baseplate

Leveling feet Ø 80 mm

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Other diameters available: 60 | 105 | 150 mm

Other threads available: M12 | M30 | M36

The C500-SPLIT series, with overmolded baseplate in AISI 304 stainless steel, separate threaded spindle with cover and hermetic seals is the best choice for industrial environments with critical hygienic level, like dairy, food, chemical and pharmaceutical industries, subjected to daily washing cycles.

The stainless steel baseplate and its particular shape guarantee an excellent cleanability, especially in critical conditions; the stainless steel cover offers 100% thread protection and avoids its exposure to external agents; the three seals (blue silicone detectable with food scanner) placed respectively inside the cover and between the spindle and the baseplate guarantee a hermetic closure, avoiding any external parts infiltration and the NBR rubber guarantees anti-slip proprieties and hermetic closure between the leveller and the floor.

Maximum compressive strength (static load) as in the table, maximum tensile strength (static load) not available because the baseplate and the spindle are separate.

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**C500 HEAVY**

**HYGIENIC AND CERTIFIED STAINLESS STEEL LEVELER**

**Main features:**
- Full machined self-draining baseplate in AISI 304 stainless steel
- Spindle and cover in AISI 304 stainless steel
- Blue seals for hermetic closure
- Vulcanized anti-slip NBR rubber

**Leveling feet Ø 80 mm**

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<th>Art-Nr.</th>
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<th>H Tot (mm)</th>
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Other threads available: M12 | M30 | M36

**Leveling feet Ø 125 mm**

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Other threads available: M12 | M30 | M36

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The C500-HEAVY series, with full machined baseplate in AISI 304 stainless steel, threaded spindle with cover and hermetic seals is the best choice for industrial environments with critical hygienic level, like dairy, food, chemical and pharmaceutical industries, subjected to daily washing cycles.

The stainless steel baseplate and its particular shape guarantee high load resistance and an excellent clea-nability, especially in critical conditions; the stainless steel cover offers 100% thread protection and avoids its exposure to external agents; the three seals (blue silicone detectable with food scanner) placed respectively inside the cover and between the spindle and the baseplate guarantee a hermetic closure, avoiding any external parts infiltration and the NBR rubber guarantees anti-slip proprieties and hermetic closure between the leveler and the floor.

Maximum compressive strength (static load) as in the table, maximum tensile strength (static load) 8.000 N.
C500 HEAVY-SPLIT
HYGIENIC AND CERTIFIED STAINLESS STEEL LEVELER

Main features:
- Full machined self-draining baseplate in AISI 304 stainless steel
- Spindle and cover in AISI 304 stainless steel
- Blue seals for hermetic closure
- Vulcanized anti-slip NBR rubber
- Separate spindle and baseplate

Leveling feet Ø 80 mm

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<tr>
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<th>H Tot (mm)</th>
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Other threads available: M12 | M30 | M36

Leveling feet Ø 125 mm

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Other threads available: M12 | M30 | M36

Other diameters available: 60 | 105 | 150 mm

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CERTIFIED PRODUCT
ASK FOR CERTIFICATION:
certificate@movexii.com

The C500-HEAVY-SPLIT series, with full machined baseplate in AISI 304 stainless steel, separate threaded spindle with cover and hermetic seals is the best choice for for industrial environments with critical hygienic level, like dairy, food, chemical and pharmaceutical industries, subjected to daily washing cycles.

The stainless steel baseplate and its particular shape guarantee high load resistance and an excellent cleanliness, especially in critical conditions; the stainless steel cover offers 100% thread protection and avoids its exposure to external agents; the three seals (blue silicone detectable with food scanner) placed respectively inside the coer and between the spindle and the baseplate guarantee a hermetic closure, avoiding any external parts infiltration and the NBR rubber guarantees anti-slip proprieties and hermetic closure between the leveler and the floor.

Maximum compressive strength (static load) as in the table, maximum tensile strength (static load) not available because the baseplate and the spindle are separate.
Higher hygienic standards

In sensitive areas like food processing and pharmaceutical production, an high level of hygienic standard is an essential element to reduce the risk of contamination, therefore it’s important to use certified products in order to protect the production and the surrounding environment.

The **C500 series** has 3A and EHEDG certifications which are released by no profit associations that protect consumers, guaranteeing products made according to the internal standards.

This applies to all processes and components in contact directly or indirectly with every single food. Movex is committed to offer a high quality product in according to the most recent normative.

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**Why choose a certified product?**

Certified 
Hygienic

Lower 
Cleaning

Lower resources 
Consumption

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Comparison between stainless steel leveler with fully threaded spindle and hygienic and certified leveler

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**What are 3A and EHEDG certification?**

- Non-profit American association
- Regulations for food manufacturers, machine food manufactures and food raw material suppliers
- Public and governmental health agencies
  - Over 70 guidelines

- Non-profit European consortium
- Regulations for food manufacturers, machine food manufactures and food raw material suppliers
- Research institutes and universities
  - Government health agencies
  - Approximately 45 guidelines

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**Comparison between stainless steel leveler with fully threaded spindle and hygienic and certified leveler**

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**C500 SERIES HYGIENIC AND CERTIFIED STAINLESS STEEL LEVELERS**

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**Movex**
Guaranteed and certified solution

Provided with 3A and EHEDG certifications, the C500 leveling feet series is approved by most recent normative and satisfies hygienic environment guidelines. Being the cleaning process one of the most effective part of the sanitation, Movex products help reducing time required for maintenance and, at the same time, provide engineered shapes and surface finishing to improve self-draining proprieties. The complete closed design avoids bacterial proliferation and guarantees maximum cleanliness. Seals and vulcanized rubber, compliant to FDA, ROHS and REACH normative, make the feet dust-tight and powerful high-temperature water jets resistant and long lasting.

Main steps required to sanitize a stainless steel C500 leveling foot

A. Identify dirt leveler
B. Rinse with water (max 40°C)
C. Apply detergent and let it act (min 10 mins)
D. Rinse with high-press (max 40°C)
E. The foot is now cleaned!

For the complete process please check on our catalogue or visit our website.