



Quick Adjustable Height Stands

Installation, Maintenance & Parts Manual



DORNER MFG. CORP.
P.O. Box 20 • 975 Cottonwood Ave.
Hartland, WI 53029-0020 USA

INSIDE THE USA
TEL: 1-800-397-8664
FAX: 1-800-369-2440

OUTSIDE THE USA
TEL: 262-367-7600
FAX: 262-367-5827

For other service manuals visit our website at:
www.dorner.com/service_manuals.asp

Table of Contents

| | | | |
|--|---|---|----|
| Introduction | 2 | Preventive Maintenance and Adjustment | 6 |
| Warnings - General Safety | 3 | Stand Height Adjustment | 6 |
| Product Description | 4 | Conveyor Angle Adjustment | 7 |
| Specifications | 4 | Required Tools | 7 |
| Fixed and Adjustable Stand Models | 4 | Service Parts..... | 8 |
| Installation | 5 | Fixed Height Stand w/Feet or Casters | 8 |
| Recommended Installation Sequence | | Return Policy..... | 10 |
| (see Table of Contents for page numbers) | 5 | | |

Introduction

| |
|---|
| IMPORTANT |
| <i>Some illustrations may show guards removed. DO NOT operate equipment without guards.</i> |

Upon receipt of shipment:

- Compare shipment with packing slip. Contact factory regarding discrepancies.

- Inspect packages for shipping damage. Contact carrier regarding damage.
- Accessories may be shipped loose. See accessory instructions for installation.

Dorner’s Limited Warranty applies.

Dorner reserves the right to make changes at any time without notice or obligation.

Warnings - General Safety

WARNING

The safety alert symbol, black triangle with white exclamation, is used to alert you to potential personal injury hazards.

DANGER



Climbing, sitting, walking or riding on conveyor will cause severe injury.
KEEP OFF CONVEYORS.

DANGER



DO NOT OPERATE CONVEYORS IN AN EXPLOSIVE ENVIRONMENT.

DANGER



Supports marked with this symbol must be anchored to the floor. Supports not anchored to floor will tip, causing severe injury or death.
SUPPORT MUST BE ANCHORED TO FLOOR.

WARNING



Exposed moving parts can cause severe injury.
LOCK OUT POWER before removing guards or performing maintenance.

WARNING



Loosening stand height or angle adjustment screws may cause conveyor sections to drop down, causing severe injury.

SUPPORT CONVEYOR SECTIONS PRIOR TO LOOSENING STAND HEIGHT OR ANGLE ADJUSTMENT SCREWS.

WARNING



Dorner cannot control the physical installation and application of conveyors. Taking protective measures is the responsibility of the user.

When conveyors are used in conjunction with other equipment or as part of a multiple conveyor system, **CHECK FOR POTENTIAL PINCH POINTS** and other mechanical hazards before system start-up.

Product Description

Refer to **Figure 1** for typical stand components.

- | | |
|---|-------------------------|
| 1 | Boot |
| 2 | Locking Handle |
| 3 | Support Stand |
| 4 | Angle Adjustment Point |
| 5 | Height Adjustment Crank |
| 6 | Foot Stand |

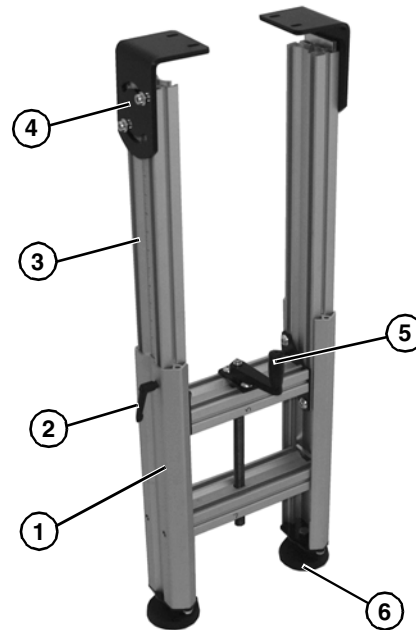
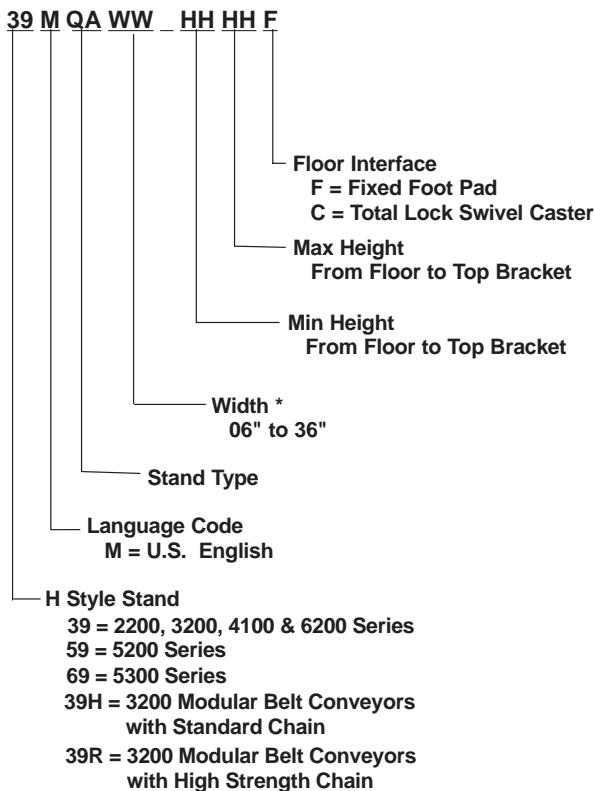


Figure 1

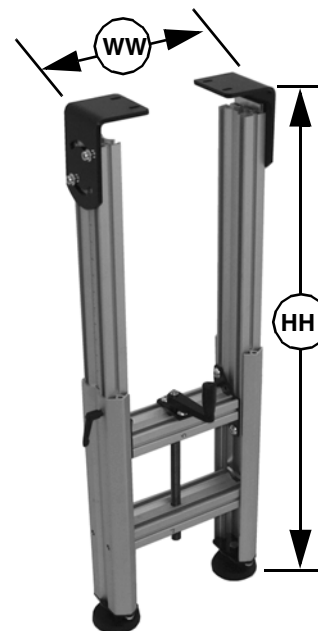
Specifications

Fixed and Adjustable Stand Models



Example: 39MQA12-3238F

Quick adjustable stand for a 12" wide conveyor with a min height of 32" and a max height of 38" with fixed foot pads. It has U.S. English documentation.



*6", 8", and 10" wide available for 5200 & 5300 series only.

DANGER



Supports marked with this symbol must be anchored to the floor. Supports not anchored to floor will tip, causing severe injury or death.

SUPPORT MUST BE ANCHORED TO FLOOR.

WARNING



Exposed moving parts can cause severe injury.

LOCK OUT POWER before removing guards or performing maintenance.

Recommended Installation Sequence (see Table of Contents for page numbers)

- Attach stand(s) to conveyor (see Conveyor Installation, Maintenance & Parts Manual).
- Attach optional diagonal bracing (see Diagonal Brace Kit Manual).
- Adjust stand height and level (see “Stand Height Adjustment” on page 6).

Preventive Maintenance and Adjustment

Stand Height Adjustment

⚠ WARNING



Exposed moving parts can cause severe injury.
LOCK OUT POWER before removing guards or performing maintenance.

⚠ WARNING



Loosening stand height or angle adjustment screws may cause conveyor sections to drop down, causing severe injury.
SUPPORT CONVEYOR SECTIONS PRIOR TO LOOSENING STAND HEIGHT LOCKING HANDLES OR ANGLE ADJUSTMENT SCREWS.

1. Loosen two locking handles (Figure 2, item 1).

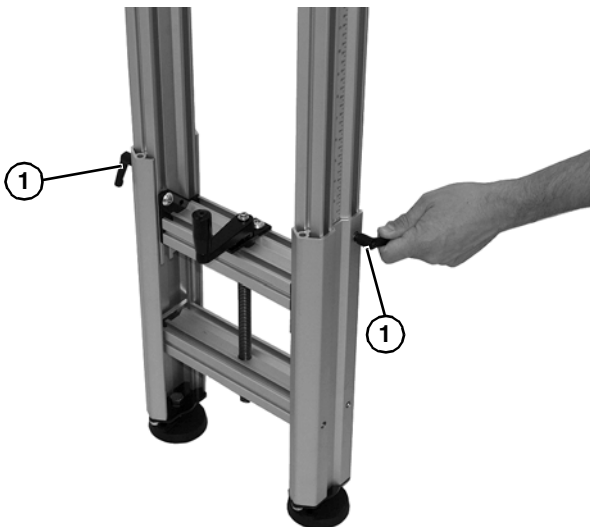


Figure 2

2. Raise or lower stand leg by turning adjustment crank (Figure 3, item 1) to the required height.

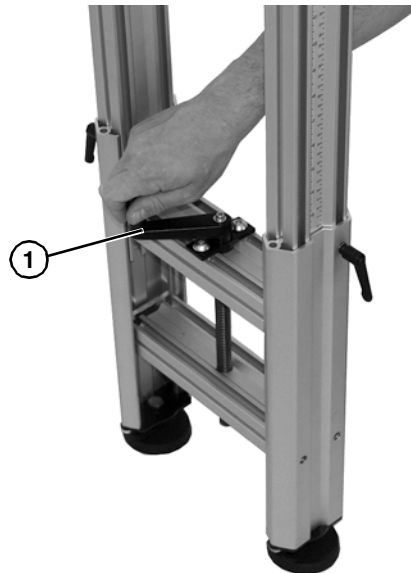


Figure 3

⚠ WARNING



Failure to secure locking handles (Figure 2, item 1) may cause conveyor sections to drop down causing severe injury.
TIGHTEN HANDLES (Figure 2, item 1) AFTER ADJUSTMENT.

NOTE

Level stand from front to rear using a level when adjusting remaining stands on conveyor.


3. Tighten two locking handles (Figure 2, item 1) to secure position.

Preventive Maintenance and Adjustment

Conveyor Angle Adjustment

Required Tools

- 6 mm Hex Key Wrench

| ⚠ WARNING |
|---|
|  |
| <p>Loosening stand height or angle adjustment screws may cause conveyor sections to drop down, causing severe injury.</p> <p>SUPPORT CONVEYOR SECTIONS PRIOR TO LOOSENING STAND HEIGHT OR ANGLE ADJUSTMENT SCREWS.</p> |

| NOTE |
|---|
| <p><i>To rotate stand top plate, screws (Figure 4, item 1) may need to be re-located to other t-slots (Figure 4, item 2).</i></p> |

1. Loosen flange socket screws (Figure 4, item 1) on both sides of stand.

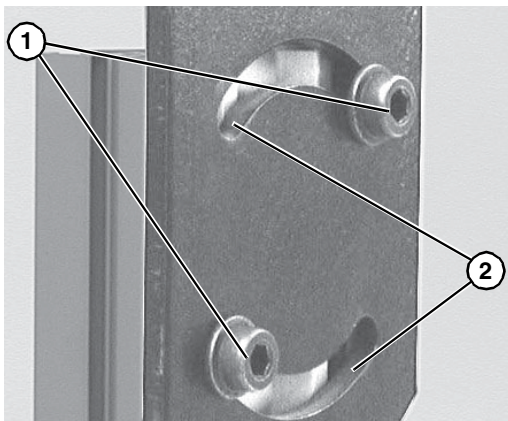



Figure 4

2. Adjust conveyor to desired angle.

| ⚠ WARNING |
|---|
|  |
| <p>Failure to secure screws (Figure 4, item 1) may cause conveyor sections to drop down, causing severe injury.</p> <p>TIGHTEN SCREWS (Figure 4, item 1) AFTER ADJUSTMENT.</p> |

3. Secure flange socket screws (Figure 4, item 1) to 24 ft-lb (18 Nm).
4. If conveyor is equipped with diagonal bracing (Figure 5, item 1), socket screw (Figure 5, item 2) must be loosened to adjust conveyor angle. Secure screw to 100 in-lb (11 N-m) after adjustment.

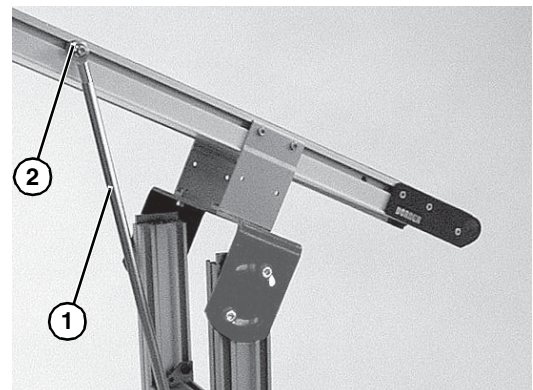



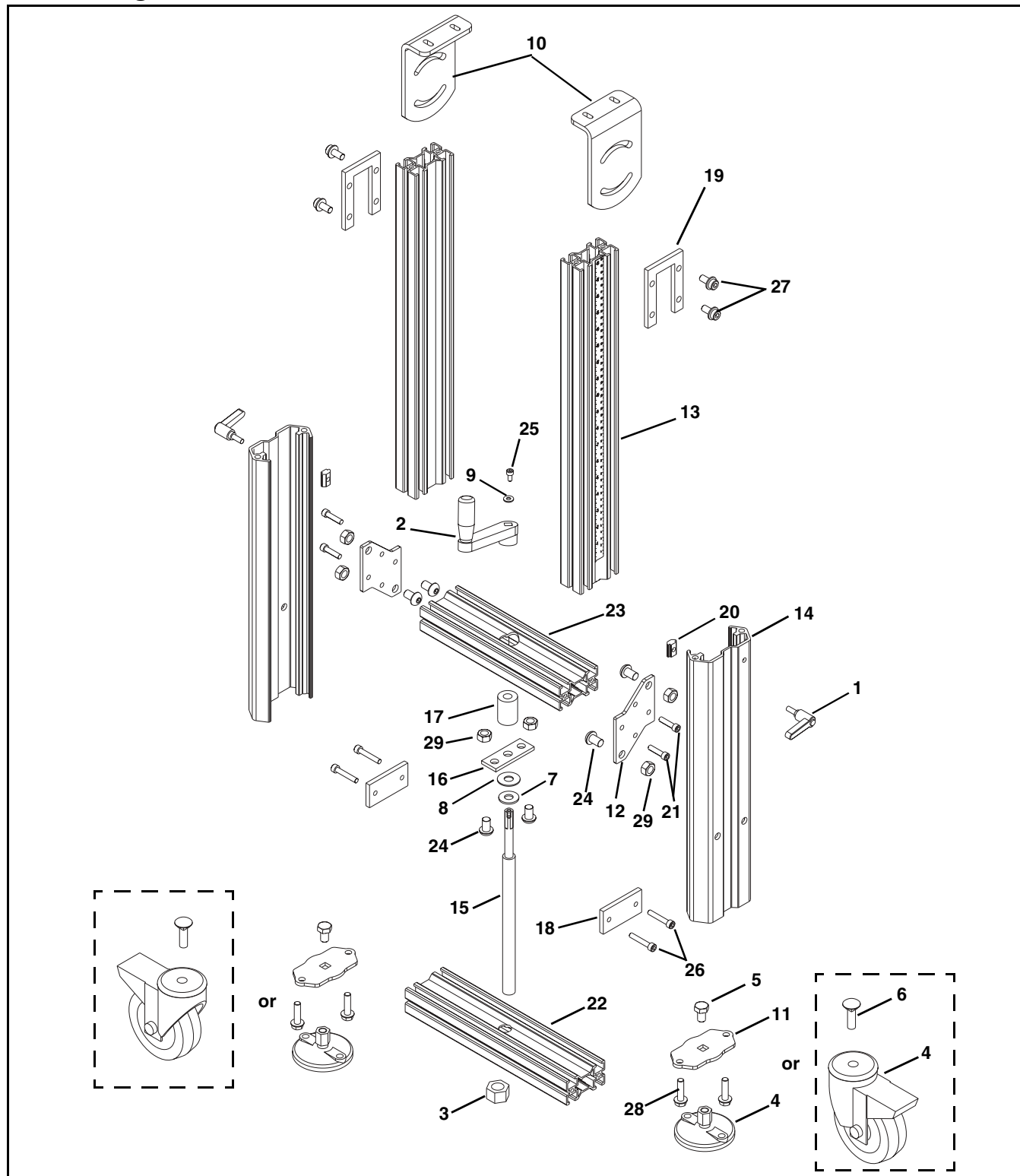
Figure 5

Service Parts

NOTE

For replacement parts other than those shown in this section, contact an authorized Dorner Service Center or the factory. Key Service Parts and Kits are identified by the Performance Parts Kits logo . Dorner recommends keeping these parts on hand.

Fixed Height Stand w/Feet or Casters



| Item | Part Number | Description |
|---|--------------|--|
| 1 | 807-1928 | Handle, M6 x 25 mm |
| 2 | 807-1929 | Crank |
| 3 | 807-1930 | Nut, 5/8-8 |
| 4 | 807-1932 | Foot Pad |
| | 807-640 | Caster |
| 5 | 961016MSS | Hex Head Cap Screw, M10-1.50 x 16 mm (for foot pad only) |
| 6 | 807-1286 | Carriage Bolt (for caster only) |
| 7 | 811-535 | Washer 1.00 O.D. x 0.085 |
| 8 | 811-536 | Nylon Washer 1.13 O.D. x 0.06 |
| 9 | 911-005 | Flat Washer |
| 10 | 352310 | Mounting Bracket (for stands 14" wide and wider) |
| | 202148 | Mounting Bracket (for stands 12" wide) |
| | 352318 | Mounting Bracket (for 3200 Modular Belt and 5200 & 5300 series only) |
| 11 | 710005 | Mounting Plate |
| 12 | 700006 | End Plate |
| 13 | 710211-LLLLL | Stand Leg |
| 14 | 712000 | Stand Boot |
| 15 | 712003 | Threaded Rod |
| 16 | 712004 | Stop Plate |
| 17 | 712005 | Screw Sleeve |
| 18 | 712008 | Clamp Plate |
| 19 | 200801M | Quad Nut, M8-1.25 |
| 20 | 639971M | Drop-In Tee Bar |
| 21 | 708180P | Socket Head Screw, M6-1.00 x 25 mm |
| 22 | 712001-LLLLL | Bottom Crossmember |
| 23 | 712002-LLLLL | Top Crossmember |
| 24 | 911016M | Button Head Screw, M10-1.50 x 16 mm |
| 25 | 920510M | Socket Head Screw, M5-.80 x 10 mm |
| 26 | 920635M | Socket Head Screw, M6-1.00 x 35 mm |
| 27 | 920883M | Flange Socket Head Screw, M8-1.25 x 16 mm |
| 28 | 960897M | Tri-Lobe Hex Head Screw, M8 x 30 mm |
| 29 | 991001M | Hex Nut M10-1.50 |
| LLLLL = Length in inches with 2 decimal places. | | |
| Length Example: Length = 95.25" LLLLL = 09525 | | |

Return Policy

Returns must have prior written factory authorization or they will not be accepted. Items that are returned to Dorner without authorization will not be credited nor returned to the original sender. When calling for authorization, please have the following information ready for the Dorner factory representative or your local distributor:

1. Name and address of customer.
2. Dorner part number(s) of item(s) being returned.
3. Reason for return.
4. Customer's original order number used when ordering the item(s).
5. Dorner or distributor invoice number (if available, part serial number).

A representative will discuss action to be taken on the returned items and provide a Returned Goods Authorization (RMA) number for reference. RMA will automatically close 30 days after being issued. To get credit, items must be new and undamaged. There will be a return charge on all items returned for credit, where Dorner was not at fault. It is the customer's responsibility to prevent damage during return shipping. Damaged or modified items will not be accepted. The customer is responsible for return freight.

| | Product Type | | | | | | | | |
|---------------------|--|--------------------------------|----------------|-------------|------------------------|------------------------------------|--|-----------------------------|---------------------------|
| | Standard Products | | | | | | | | Engineered to order parts |
| Product Line | Conveyors | Gearmotors & Mounting Packages | Support Stands | Accessories | Spare Parts (non-belt) | Spare Belts - Standard Flat Fabric | Spare Belts - Cleated & Specialty Fabric | Spare Belts - Plastic Chain | All equipment and parts |
| 1100 | 30% return fee for all products except: 50% return fee for conveyors with modular belt, cleated belt or specialty belts | | | | | | non-returnable | | case-by-case |
| 2200 | | | | | | | | | |
| 2200 Modular Belt | | | | | | | | | |
| 2200 Precision Move | | | | | | | | | |
| 2300 | | | | | | | | | |
| 2300 Modular Belt | | | | | | | | | |
| 3200 | | | | | | | | | |
| 3200 LPZ | | | | | | | | | |
| 3200 Precision Move | | | | | | | | | |
| 4100 | | | | | | | | | |
| 5200 | | | | | | | | | |
| 5300 | | | | | | | | | |
| 6200 | | | | | | | | | |
| Controls | | | | | | | | | |
| 7200 / 7300 | 50% return fee for all products | | | | | | | | |
| 7350 | non-returnable | | | | | | | | |
| 7360 | | | | | | | | | |
| 7400 | | | | | | | | | |
| 7600 | | | | | | | | | |

Returns will not be accepted after 60 days from original invoice date. The return charge covers inspection, cleaning, disassembly, disposal and reissuing of components to inventory. If a replacement is needed prior to evaluation of returned item, a purchase order must be issued. Credit (if any) is issued only after return and evaluation is complete.

Dorner has representatives throughout the world. Contact Dorner for the name of your local representative. Our Customer Service Team will gladly help with your questions on Dorner products.

For a copy of Dorner's Warranty, contact factory, distributor, service center or visit our website at www.dorner.com.

For replacement parts, contact an authorized Dorner Service Center or the factory.



Dorner Mfg. Corp. reserves the right to change or discontinue products without notice. All products and services are covered in accordance with our standard warranty. All rights reserved. © Dorner Mfg. Corp. 2014

DORNER MFG. CORP.

975 Cottonwood Ave., PO Box 20
Hartland, WI 53029-0020 USA
TEL 1-800-397-8664 (USA)
FAX 1-800-369-2440 (USA)
Internet: www.dorner.com

Outside the USA:
TEL 1-262-367-7600
FAX 1-262-367-5827