Providing the World Bulk Material Handling Industry with Productive, Safe and Reliable “Complete Conveyor Solutions.”
ASGCO®’s Tru-Trainer® series of training idlers are a patented design that offers the most reliable and re-active training idlers available today. It’s stainless steel internal pivot, that is perpendicular to the plane of the belt, and its rubber covered shell and tapered ends help actuate the trainer immediately as the belt moves off center. It is always reacting to keep the belt centered.

- **Continuous Alignment** - by always tracking the belt to the center of the conveyor, it reduces edge damage, spillage and improves overall conveyor performance.
- **Heavy-Duty Design** - of our trainer uses 3 7/16” bearings, 1 ¾” shaft, and an abrasive resistant hot-vulcanized rubber cover. Urethane covers also available.
- **Reactivity** - in both wet and dry conditions as seen in below ground and above ground mining all over the world.
- **Total Satisfaction Guarantee (TSG)** - to solve your conveyor belt training problems and make your overall conveyor system run more efficiently.

### Tru-Trainer® Flat Return

**ASG-TTF-150-LSHD**
- Number: 59
- Belt Width: 1500
- Belt Min: 212
- Belt Max: 190
- Belt Min - Max: 69
- Belt Min x Max: 62.60
- D: 3.35 - 7.68
- D (Slot): .55 x 2.76
- Min - Max: 76
- Min x Max: 70.87
- Min - Max: 1.57 - 4.5

**ASG-TTF-135-LSHD**
- Number: 53
- Belt Width: 1350
- Belt Min: 205
- Belt Max: 183
- Belt Min - Max: 63
- Belt Min x Max: 56.69
- D: 3.35 - 7.68
- D (Slot): .55 x 2.76
- Min - Max: 70
- Min x Max: 62.99
- Min - Max: 1.57 - 4.5

**ASG-TTF-120-LSHD**
- Number: 48
- Belt Width: 1200
- Belt Min: 183
- Belt Max: 168
- Belt Min - Max: 57
- Belt Min x Max: 48.82
- D: 3.35 - 7.68
- D (Slot): .55 x 2.76
- Min - Max: 63
- Min x Max: 57.09
- Min - Max: 1.57 - 4.5

**ASG-TTF-105-LSHD**
- Number: 42
- Belt Width: 1050
- Belt Min: 139
- Belt Max: 128
- Belt Min - Max: 51
- Belt Min x Max: 42.91
- D: 3.35 - 7.68
- D (Slot): .55 x 2.76
- Min - Max: 57
- Min x Max: 52.99
- Min - Max: 1.57 - 4.5

**ASG-TTF-90-LSHD**
- Number: 36
- Belt Width: 900
- Belt Min: 128
- Belt Max: 117
- Belt Min - Max: 45
- Belt Min x Max: 37.01
- D: 3.35 - 7.68
- D (Slot): .55 x 2.76
- Min - Max: 51
- Min x Max: 45.29
- Min - Max: 1.57 - 4.5

**ASG-TTF-75-LSHD**
- Number: 30
- Belt Width: 750
- Belt Min: 117
- Belt Max: 93
- Belt Min - Max: 39
- Belt Min x Max: 31.10
- D: 3.35 - 7.68
- D (Slot): .55 x 2.76
- Min - Max: 45
- Min x Max: 42.69
- Min - Max: 1.57 - 4.5

**ASG-TTF-45-LSHD**
- Number: 18
- Belt Width: 450
- Belt Min: 73
- Belt Max: 63
- Belt Min - Max: 27
- Belt Min x Max: 19.29
- D: 3.35 - 7.68
- D (Slot): .55 x 2.76
- Min - Max: 33
- Min x Max: 33.46
- Min - Max: 1.57 - 4.5

Dura-Sleeve® Idlers

Dura-Sleeve® Urethane Return Disc Idlers - are used in abrasive mining conditions such as iron ore, coke, copper/gold ores, underground coal mining and other hard rock mining where traditional rubber discs and steel idlers don’t last. These tapered roller bearing idlers have a long wear life in abrasive, wet or sticky environments.

- **Patented Design** - of our idler sleeve clamping system utilizes you to replace worn out rubber or other urethane disc return idlers.
- **Abrasion Resistant Urethane** - compounds provide wear ability that exceeds 5 times the wear life of standard rubber disc return idlers.
- **Meets all CEMA Standards** - and available in any belt width and inside and outside roller diameter.
- **CEMA D and E** - idlers are available for immediate shipment.
- **3 Year Guarantee** - ASGCO® offers the longest warranty on any Dura-Sleeve® idler.

### Steep Angle Conveyor Accessories

The Patented Flex-Mount® Stub Idler, designed by BASSCO® provides the needed belt support on the return side of the steep angle conveyor belts or pocket belts.

- **BASSCO FLEX-MOUNT**
  - work on the clean side of the belt support
  - are designed for flexible sidewall belting and provide increased belt life.

- **CANTIWHEELS**
  - combine the bearings, shafts and wheels in one assembly.

- **DAMPENING ROLL ASSEMBLIES**
  - reduce the pulsations in the belt set up by the belt beaters.

- **GUIDE IDLERS**
  - protect the belt edges at critical locations.
Slide-Ler®

The ASGCO® Slide-Ler® gives you the ability to change rolls under the conveyor loading area without having to remove adjacent belt idlers. This allows the Slide-Ler® to fit into tight or confined spaces, ensuring proper belt rolling support and ease of change out.

- **Perfect for Confined Spaces** – due to the frames only take-up 8” (200mm) of width when using 6” (150mm) rollers.
- **Improves Safety** – and available in any belt width, troughing angle or idler.
- **Easy Removal** – due to the frames only take-up 8” (200mm) of width without having to remove any of the belt idler frames.
- **Idler Rolls** – can provide CEMA C, D, or E steel or impact rolls.

**Slide-Ler® (One-Sided)**

ASGCO® Slide-Ler® (One-Sided) is a patented product designed to be maintained from one side of the conveyor system. This is ideal for systems with access on one side only, where a conveyor is located against the wall or high in the air with a catwalk on one side. This allows you to replace rolls with minimal downtime and eliminate the need for man lifts or having to work in a confined space.

- **Ideal idler for tight confined spaces, as seen in reconciled tunnels, feeder conveyors, load zones and other areas where idlers are grouped together.**

**Tru-Trainer® Dual Return Idlers**

The Tru-Trainer® Dual Return was developed to accommodate the excessive forces encountered with wide belts and heavy loads. An external central pivot mechanism was designed, obviating the need for a single, large drum, and enabling a concentric and balanced rotation to be achieved. This results in extended bearing life and a very fast and effective conveyor tracking system.

- **Two Separate Tapered Rolls** - are mounted into the pivot mechanism and can be individually replaced as wear occurs.
- **Designed for High Speed/PIW Conveyors** - to operate and last in severe conditions, wet and dry, and aggressive mining conditions. Conveyor belt speeds that exceed 800fpm and/or greater than 1500 PIW.
- **Accommodates Excessive Force** - encountered with wide belts and heavy loads.
- **Enhanced Sealing/Bearing System** - needle thrust and tapered roller bearings and enhanced sealing system for the most aggressive mining conditions.
- **Individual Rollers for Easy Replacement** - separate tapered rolls are mounted onto the pivot mechanism, which can be individually replaced as wear occurs.

**Part Number**

<table>
<thead>
<tr>
<th>Model</th>
<th>Belt Width</th>
<th>Lbs</th>
<th>Width (in)</th>
<th>Pitch (in)</th>
<th>Clearance (in)</th>
<th>Thrust (lbs)</th>
<th>Rolling Angle (°)</th>
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**Tru-Trainer® Dual Return Urethane Idlers (Mine Duty)**

The Tru-Trainer® Dual Return Urethane Idler was developed to accommodate the excessive forces encountered with wide belts and heavy loads. An external central pivot mechanism was designed, obviating the need for a single, large drum, and enabling a concentric and balanced rotation to be achieved.

- **Designed for High Speed/PIW Conveyors** - to operate and last in severe conditions, wet and dry, and aggressive mining conditions.
- **Individual Rollers for Easy Replacement** – Each roller can be individually replaced as wear occurs.
- **Exceptional Performance** – The combination of the tapers and unique center pivot, provide fast, reactive and continual tracking in all conditions.
- **Enhanced Center Pivot** – The unique heavy duty pivot design provides instant activation to centralize the belt to keep it running center.

### Tru-Trainer® Tapered Troughing Replacement Wing Rolls

As the taper wing rollers are inline, it operates on both Uni-directional or Bi-directional conveyor belts. The tracking is done by the taper wing rollers which are lagged and can be easily adjusted between 25° - 52°. The tapered wing roller sensor is activated immediately by the idler as the belt moves off center.

| ASG-WINGR-72-XHD-TD | 72" | 1800 | 2100 | 1800 |
| ASG-WINGR-60-HD-TD  | 60" | 1500 | 1370 | 1370 |
| ASG-WINGR-54-HD-TD   | 54" | 1300 | 1500 | 1500 |
| ASG-WINGR-48-TD      | 48" | 1200 | 1200 | 1200 |
| ASG-WINGR-36/42-TD    | 36/42 | 900/1000 | 900/1000 | 900/1000 |

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**Rubber Wing Rolls**

| ASG-WINGR-18-TD | 18" | 400 | 400 |
| ASG-WINGR-24-TD | 24" | 600 | 600 |
| ASG-WINGR-36-TD | 36" | 1000 | 1000 |

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**Urethane Wing Rolls**

| ASG-WINGR-18-U-1 | 18" | 400 | 400 |
| ASG-WINGR-24-U-1 | 24" | 600 | 600 |
| ASG-WINGR-36-U-1 | 36" | 1000 | 1000 |

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**Available in Urethane.**

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Visit www.awsco.com for further information.
Tru-Trainer® Dual Return Urethane Idlers (Mine Duty)

The Tru-Trainer® Dual Return Urethane Idler was developed to accommodate the excessive forces encountered with wide belts and heavy loads. An external central pivot mechanism was designed, obviating the need for a single, large drum, and enabling a concentric and balanced rotation to be achieved.

• Designed for High Speed/PIW Conveyors - to operate and last in severe conditions, wet and dry, and aggressive mining conditions. Conveyor belt speeds that exceed 800 fpm and/or greater than 1500 PIW.

• Heavy Duty Rolls - 3/4” polyurethane lagged, tapered rolls are mounted onto the pivot mechanism, which can be individually replaced as wear occurs.

• Enhanced Sealing/Bearing System - needle thrust and tapered roller bearings; enhanced sealing system for the most aggressive conditions.

• Total Satisfaction Guarantee (TSG) - to solve your conveyor belt training problems and make your overall conveyor system run more efficiently.

Tru-Trainer® Tapered Troughing Idlers

The patented ASGCO® Tru-Trainer® Tapered Trougher offers the ultimate in tracking performance on the load-carrying side and is the result of over 10 years of design and innovation. This design is highly responsive and quick to activate on both loaded and unloaded conveyors.

• Exceptional Performance – The combination of the tapers and unique center pivot, provide fast, reactive and continual tracking in all conditions.

• Individual rollers for easy replacement – Both the taper wing and center roller can be individually replaced as wear occurs.

• Enhanced Center Pivot – The unique heavy duty pivot design provides instant activation to centralize the belt to keep it running center.

Rubber Wing Rolls

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Belt Width</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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Urethane Wing Rolls

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</tr>
</tbody>
</table>

www.asgco.com  | 800.344.4000

www.asgco.com  | 800.344.4000
**Slide-Ler™ / Slide-Ler™ (One-Sided)**

**Slide-Ler™**

The ASGCO® Slide-Ler™ gives you the ability to change rolls under the conveyor loading skirt area without having to remove adjacent belt idlers. This allows the Slide-Ler™ to fit into tight or confined spaces, ensuring proper belt rolling support and ease of change out. The ASGCO® Slide-Ler™ is a modular designed product that allows you to remove the wing skew area without having to remove any of the belt idler frames. This allows the Slide-Ler™ to fit into tight or confined spaces, ensuring proper belt rolling support and ease of change out.

- **Idler Rolls** - are available in 20, 35 or 45.
- **Perfect for Confined Spaces** - due to the frames only take-up 8” (200mm) of width when using 6” (150mm) rollers.
- **Improves Safety** - and available in any belt width, troughing angle or idler.
- **Meets all CEMA Standards** - and available in any belt width, troughing angle or idler.
- **Individual Rollers for Easy Replacement** - separate tapered rolls are mounted into the pivot mechanism, which can be individually replaced as wear occurs.
- **Designed for High Speed/PfW Conveyors** - to operate and last in severe conditions, wet and dry, and aggressive mining conditions. Conveyor belt speeds that exceed 800fpm and/or greater than 1500 l/min.
- **Accommodates Excessive Force** - encountered with wide belts and heavy loads.
- **Enhanced Sealing/Bearing System** - needle thrust and tapered roller bearings and enhanced sealing system for the most aggressive mining conditions.
- **Individual Rollers for Easy Replacement - separate tapered rolls are mounted onto the pivot mechanism, which can be individually replaced as wear occurs.**

**Tru-Trainer® Dual Return Idlers**

The Tru-Trainer® Dual Return was developed to accommodate the excessive forces encountered with wide belts and heavy loads. An external central pivot mechanism was designed, obviating the need for a single, large drum, and enabling a concentric and balanced rotation to be achieved. This results in extended bearing life and a very fast and effective conveyor tracking system.

- **Two Separate Tapered Rolls** - are mounted into the pivot mechanism and can be individually replaced as wear occurs.
- **Designed for High Speed/PfW Conveyors** - to operate and last in severe conditions, wet and dry, and aggressive mining conditions. Conveyor belt speeds that exceed 800 fpm and/or greater than 1500 l/min.
- **Accommodates Excessive Force** - encountered with wide belts and heavy loads.
- **Enhanced Sealing/Bearing System** - needle thrust and tapered roller bearings and enhanced sealing system for the most aggressive mining conditions.
- **Individual Rollers for Easy Replacement** - separate tapered rolls are mounted onto the pivot mechanism, which can be individually replaced as wear occurs.

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**Tru-Trainer® Dual V-Return Idlers**

The Tru-Trainer® Dual V-Return was developed to accommodate the excessive forces encountered with V-Return idler conveyors, systems and structures.

- **Two Separate Tapered Rolls** - are mounted into the pivot mechanism and can be individually replaced as wear occurs.
- **Designed for High Speed/PfW Conveyors** - to operate and last in severe conditions, wet and dry, and aggressive mining conditions.
- **Enhanced Sealing/Bearing System** - needle thrust and tapered roller bearings and enhanced sealing system for the most aggressive mining conditions.
- **Individual Rollers for Easy Replacement** - separate tapered rolls are mounted onto the pivot mechanism, which can be individually replaced as wear occurs.
Tru-Trainer® Flat Return

ASGCO®’s Tru-Trainer® series of training idlers are a patented design that offers the most reliable and re-active training idlers available today. Its stainless steel internal pivot, that is perpendicular to the plane of the belt, and its rubber covered shell and tapered ends help actuate the trainer immediately as the belt moves off center. It is always reacting to keep the belt centered.

- **Continuous Alignment** - by always tracking the belt to the center of the conveyor, it reduces edge damage, spillage and improves overall conveyor performance.
- **Heavy-Duty Design** - of our trainer uses 3/16” bearings, 1 ¾” shaft, and an abrasive resistant hot-vulcanized rubber cover. Urethane covers also available.
- **Reactionary** - in both wet and dry conditions as seen in below ground and above ground mining all over the world.

**Total Satisfaction Guarantee (TSG)** - to solve your conveyor belt training problems and make your overall conveyor system run more efficiently.

**Tru-Trainer® Flat Return Low Speed Idler**

- **Reliable Performance** - The Tru-Trainer® Idler has proven itself to be both robust, reliable, long lasting and provide effective performance in all condition.
- **Maintenance Free** - Sealed bearings do not require any greasing.
- **Lagging** - Covered with High Abrasive Natural Rubber, 0.4” (12mm). Also available in Polyurethane lagging.
- **Operates in all conditions** - Quick activation on both wet and dry belts, both above and below ground.

**Dura-Sleeve® Idlers**

Dura-Sleeve® Urethane Return Disc Idlers - are used in abrasive mining conditions such as iron ore, coke, copper/gold ores, underground coal mining and other hard rock mining where traditional rubber discs and steel idlers don’t last. These tapered roller bearing idlers have a long wear life in abrasive, wet or sticky environments.

- **Patented Design** - of our Idler sleeve clamping system utilizes you to replace worn out rubber or other urethane disc return idlers.
- **Abrasion Resistant Urethane** - compounds provide wear ability that exceeds 5 times the wear life of standard rubber disc return idlers.
- **Meets all CEMA Standards** - and available in any belt width and inside and outside roller diameter.
- **CEMA D and E idlers are available for immediate shipment.**
- **3 Year Guarantee** - ASGCO® offers the longest warranty on any Dura-Sleeve® idler.

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**Steep Angle Conveyor Accessories**

The Patented Flex-Mount® “Stub Usb” designed by BASSCO® provides the needed belt support on the return side of the steep angle conveyor belts or pocket belts.

**Belt beaters** work on the clean side of the belt to return the product.

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**Dampening Roll Assemblies**

reduce the pulsations in the belt set up by the belt beaters.

**Cant Wheels** combine the bearings, shafts and wheels in one assembly.

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**Belt Guides**

Protect the belt edges at critical locations.

**CEMA C, D and E Flex-Mount® 3” or 5” Drop Bracket**
Tracking and Specialty Idlers

Providing the World Bulk Material Handling Industry with Productive, Safe and Reliable “Complete Conveyor Solutions.”

Conveyor Belt Tracking and Specialty Idlers