

P & K Mining Equipment Pty Ltd

For Creditability, Reliability and Consistency



Supplier and Manufacturer of Mining and Quarrying Products including UNITEC Jaw, Cone, Quadroll, Impact Crushers, Washing Plant, Manganese, Non-Ferrous Parts, and Industrial Gear Products.

Overseas Branch and Sole Distributor for/of DAEYANG ROLLENT KOREA range of conveyor components both Steel and HDPE Idlers.



For more information regarding any of our product ranges & services please contact to us.

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www.pkmining.com.au E-mail: moreinfo@pkmining.com.au

P & K Mining Equip., suppliers and manufacturers of Mining & Quarrying Products with reliability, consistency and credibility for valuable customers. The Divisions are Machinery, Wearing Parts, Conveyor and Industrial Gear Division.

Machinery Division

- UNITEC Jaw Crusher
- UNITEC Cone Crusher
- UNITEC QUADROLL Crusher
- Filter Press
- Classifier
- Others

Wearing Parts Division

- Manganese
- Non-Ferrous
- Casting Steels

P & K Mining Equip., as **Overseas Branch** and **SOLE Distributor** for/of **DAEYANG ROLLENT in KOREA** supplies conveyor components of Steel and HDPE Idlers.



Conveyor Division : 3A Unique Idlers with Triple Housing

- ✚ Trough Idlers & Impact Idlers
- ✚ Return/Rubber Disc & Flat Idlers
- ✚ Picking Idlers & Vee Return & Spiral
- ✚ Transition & Tracking Frames
- ✚ General Stand: All sizes available
- ✚ Side Guide Idlers and Manufacture on Customer base
- ✚ D102/114/127/152/178, etc.

Conveyor Division: HDPE Idlers

For

- Anti-Corroding
- Impact Resistance
- Anti-Static Formulation

Application

- Chemical: Salt & Fertilizer, Acid, Sugar, Pulp Paper, etc.
- General: Coal, Cement, Concrete, Limestone, etc

Dimensions

- All sizes available and Manufacture on Customer base.

CONVEYOR DIVISION – Unique Idlers*

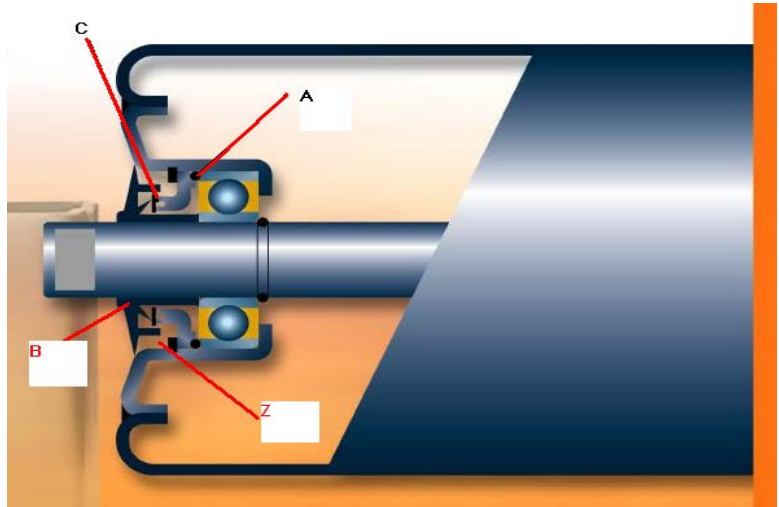


P & K Mining Equip., are **Overseas branch and SOLE Distributor** and of/for the DAEYANG ROLLENT KOREA range of conveyor components both **Unique Steel –Powder Coating and HDPE with high quality bearings**. The rollers and frames are all manufactured to Australian Standards with firmly innovative and maintenance saving designs. Stocks will be available on each state such as WA, NSW, VIC,NQ, BNE, etc. please contact to the state distributors.

SUPPLYING/MANUFACTURING OF/FOR

- Carrier Rollers & Return Rollers & Impact Rollers
- Rubber Disc Return Rollers & Suspended Rollers
- Spiral Return Rollers & Vee Return Rollers
- Guide Rollers & Brackets & Others
- Dia 114,127,152, etc & 450Wide-2200Wide and Manufacture on Customer Base.
- Tracking & Transition Frames
- Retractable Frames & Picking Idlers
- 20/35/45D,etc & and manufacture on customer base.

UNIQUE IDLERS WITH HIGH QUALITY BEARINGS (FAG)

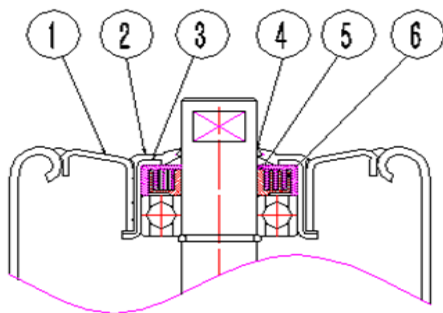


□ Inside Structure

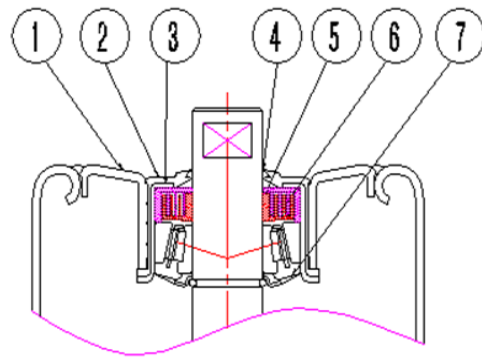
1. Edge-less treatment finished on the both sides of roller for preventing of belt's damage.
2. Unique contour design that allows no recess for foreign accumulation.
3. Reinforced end cap automatic-welded to pipe that ensures longer life and structural strength of the roller parts.
4. Sealing at "A" is realized by O-rings inserted between end cap, bearing and P.C seals that provide perfect sealing even if water happens to be present at "Z" point.
5. Elastic Sealing from the Rubber Cover and Tapron Washer ("B" point).
6. Smooth Sealing from uneven part of PC Seal part and Tapron washer part ("C" point).



3A UNIQUE IDLERS with TRIPLE HOUSING- NEW PRODUCT



Ball Bearing Structure



TAPERED BEARING STRUCTURE

- Round-Shaped Edge for Prevention Damage of Belt.
- Triple Housing Structure for Extension Bearing's Life by absorbing shock on Impact & mis-alignment
- Perfect Sealing System by Triple Sealing Structure.
- Smooth and Salient.

◆ Housing (Triple Structure)

- 1) Outer Housing: Steel Structure by Precision Mold.
- 2) Middle Housing: For Perfect Alignment in Shaft with End-Cap (Flexible Material for Shock-Absorbing)
- 3) Inner Housing: Precision Base housing for Bearing and Middle Cap

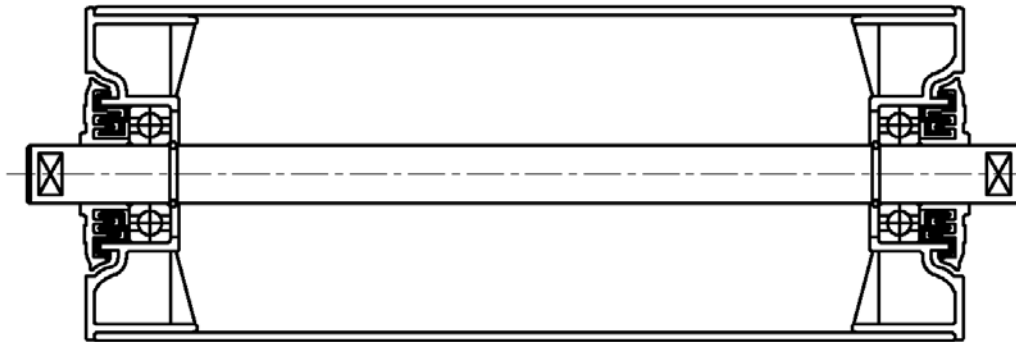
◆ Triple Applied Triple Sealing Function

- 4) Lip Sealing
- 5) Thrust Sealing
- 6) Labyrinth Sealing
- 7) Inner Seal(applied for Taper Bearing)



For Quarrying Areas –

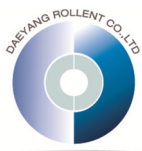
UNI LABY CARRIER IDLER FOR QUARRY AREAS



VERY COMPETATIVE PRICE WITH GOOD QUALITY (FOR QUARRY)



Unitec the new force in crushing equipment



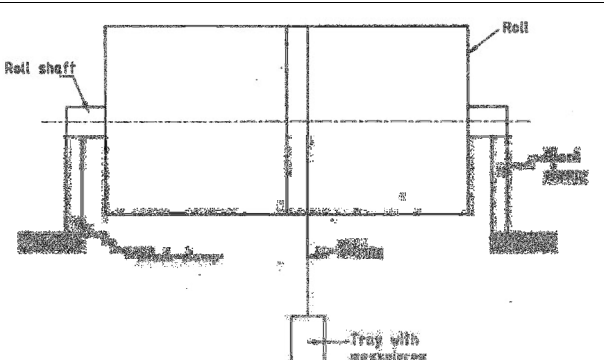
ROLLENT
Daeyang Rollent Co., Ltd.

UNI-PASS ROLLER



● UNI-PASS ROLLER

UNI-PASS ROLLER consists of Steel tube and Plastic housing in order to minimize frictional resistance for saving power. It also provides perfect waterproof and dustproof to extend roller's life.

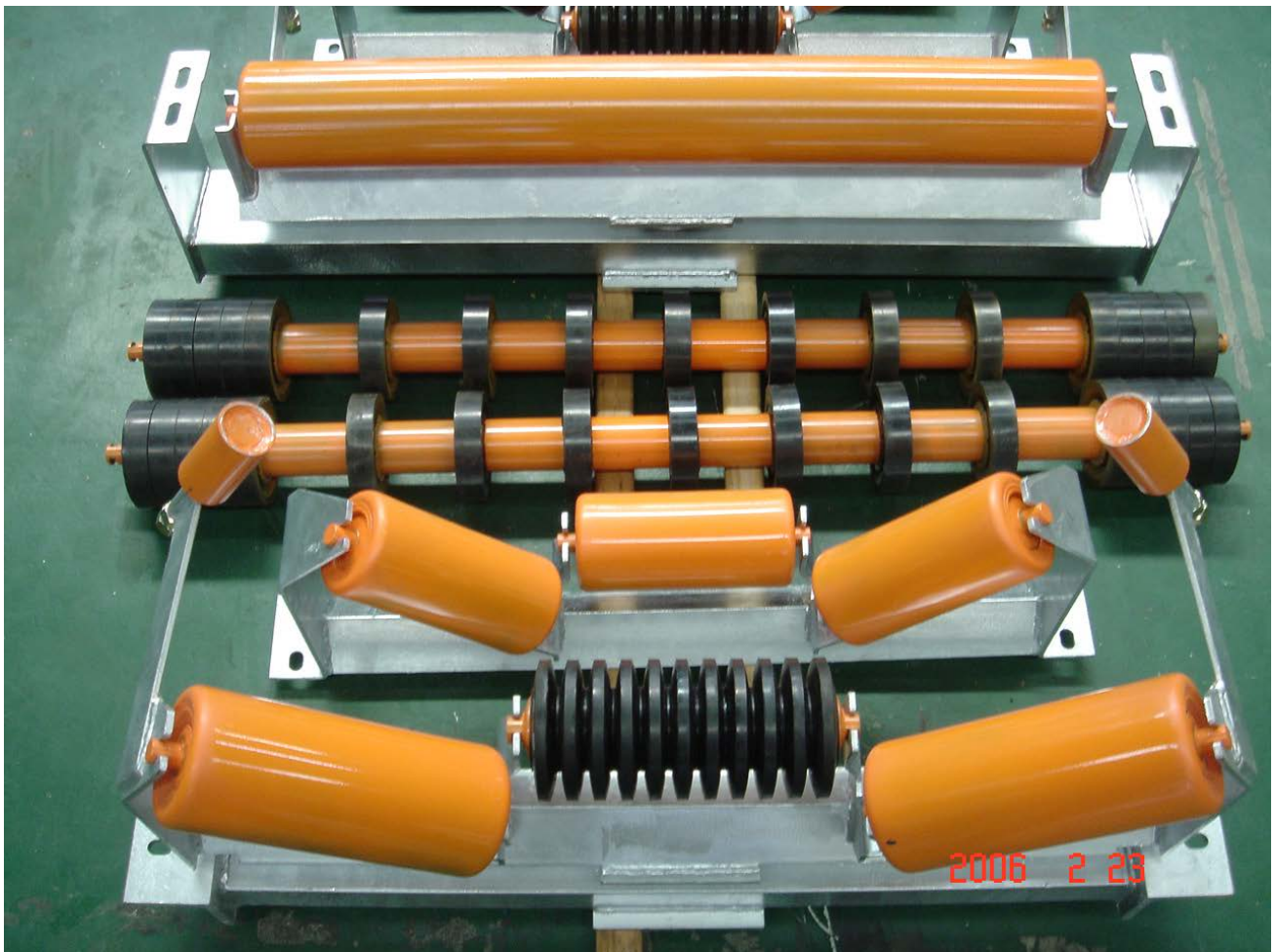
1. Frictional Resistance

Frictional Resistance Test(Breakaway Mass)		
	Breakaway Mass Test Result	
	No.	Breakaway Mass(g)
	1	30g
	2	35g
	3	25g
	This lowest frictional resistance save the power up to	

2. Waterproof and Dust-proof

Waterproof & Dust-proof		
	Waterproof Test Result	
	No.	Waterproof
	1	○
	2	○
	3	○
	Test Condition : 2L/min Test Hour : 4 hours Acceptance Standard : No corrosion in the contact running area of the bearing	
	Dust-proof Test Result	
	No.	Dust-proof
	1	○
	2	○
	3	○
	Test Condition : 38 μ m Test Hour : 4 hours Acceptance Standard : No loss of lubricant from bearing	

□ Tracking Frames with UNIQUE IDLERS



CONVEYOR DIVISION – HDPE Idlers

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- Anti-Corroding
- Impact Resistance
- Anti-Static Formulation

Application

- Chemical: Salt & Fertilizer, Acid, Sugar, Pulp Paper, etc.
- General: Coal, Cement, Concrete, Limestone, etc

Dimensions

- AU/JIS Standard
- D114/127/152 and Manufacture on Customer base.

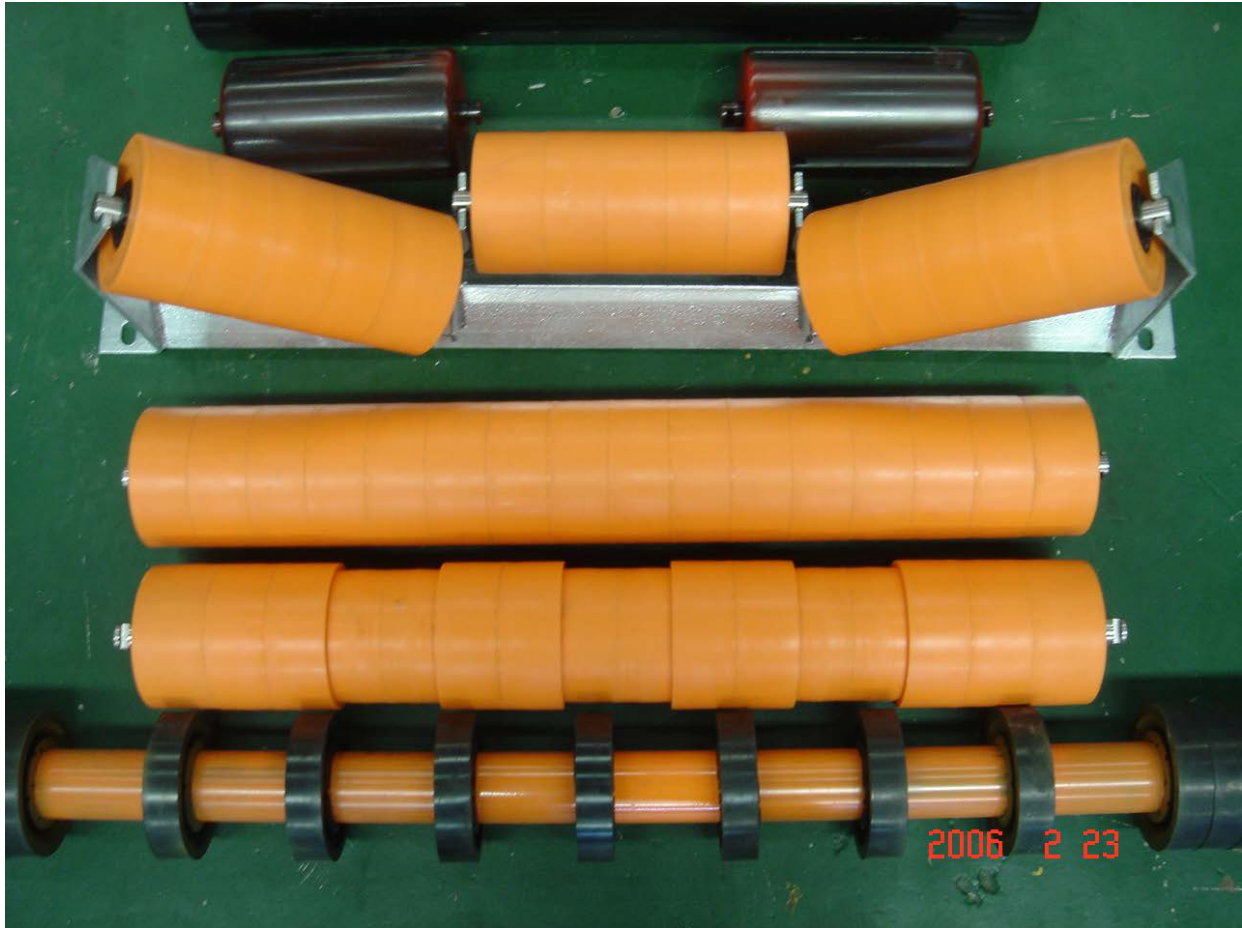
Types *SUS & Steel with Anti-Vibration



□ **NEW HDPE*** – Trough Idlers



Black Color & HDPE Idlers



HDPE Idlers with SUS or Anti-Vibration



Unitec the new force in crushing equipment

**Suppliers and Manufacturers
of Mining and Quarrying Products:**

Machinery Division

- Unitec Jaw & Cone Crusher
- Unitec Quadroll Crusher
- Washing (Sand) Plant
- Classifier & Filter Press
- Grizzly Feeder & Apron Feeder, etc

Wearing Part Division

- Manganese Parts
- Non-Ferrous Parts: Bushings
- Casting Steel & Others

Conveyor Division

**: Overseas Branch and SOLE
Distributor for/of Daeyang Rollent**

- Steel Idlers & HDPE Idlers
- Frames and others

Industrial Gear Products

- Gear
- Pinion
- Industrial Products

For more information regarding any of our product range and services please contact to us.

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