



# Refinedsteel Technology Co., Ltd.

---

## RS HDPE ROLLER

---

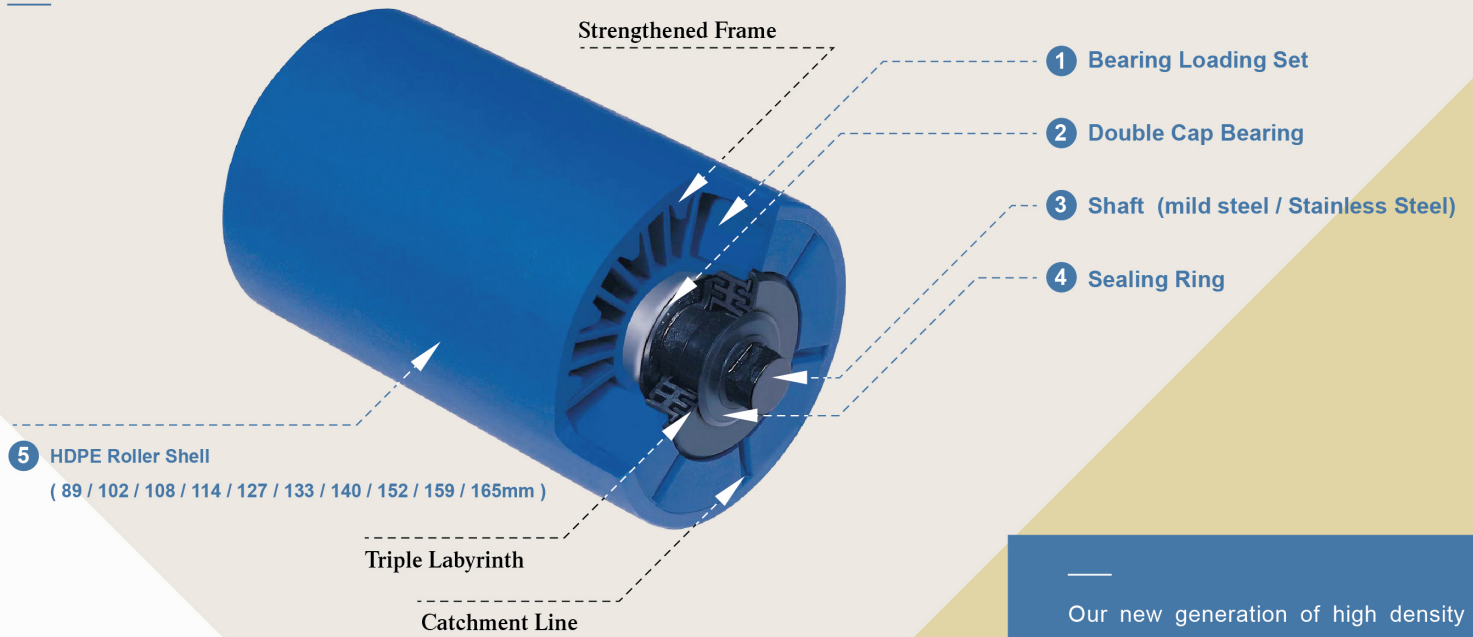
Refinedsteel Technology Co., Ltd is one of leading supplier in conveying components, coal mining industry, metallurgical machinery, and chemical machinery in Taiwan.

With over 20 years of experience, we specialize in resource integrity ability both in Taiwan & China.

Our core strength is to create value and supply quality products at a competitive price with high quality service to our customers.

[refined-steel.com.tw](http://refined-steel.com.tw)

# RS Roller



Our new generation of high density polyethylene (HDPE) roller is designed for the toughest applications, HDPE Roller with light weight for efficient operations. The design of HDPE Roller is to perfectly match with steel roller. RS Roller's self-cleaning surface greatly reduces the risk of buildup from carryback material - the main cause of belt tracking problems, material spillage, premature wear and failure of steel rollers. In today's world of ever-rising energy costs, HDPE Roller's lightweight yet robust design can help reduce belt tensions and power requirements - to keep your running costs down.



- Light weight :**  
50% lighter than steel roller shell.
- Eco-friendly :**  
recyclable synthetic Fiber shell.
- Patent of design :**  
more than 10 countries patent...etc.
- Damage-Free :**  
no rust or sharp rotating edges to cut the belt

Real Application & Comparison

Advantages of HDPE Roller

**Patented roller design :**

tough, abrasion-resistant HDPE strengthened frame to make roller stronger.

**Self-cleaning (anti-static) surface :**

reduces buildup on roller face, for low maintenance.

**Longer life :**

less downtime: anti-corrosive HDPE & highly dust and waterproof triple labyrinth seal, means HDPE Roller is ideal for use in dusty, humid, alkaline & acidic environments, as it won't rust and moisture cannot reach its bearings

**Damage free :**

no rusted or sharp rotating edges to cut your belt, especially during high-speed operation.

**Energy saving :**

around 50% lighter than a steel roller, which means: reduces belt tensions & around 10-14% lower power consumption.

**Eco-friendly :**

silent running reduces noise pollution & HDPE roller tube can be recycled.







**Refinedsteel Technology Co., Ltd**

The design of our HDPE roller is perfectly match with steel roller and suitable for the tough environment, such as acidity, alkaline, humid, dusty, corrosion. The characters of damage-free belt help proprietors to save the cost of replacement meanwhile light weight has less risks of employees' injury.

Easily installing of HDPE roller helps reducing downtime of conveyor system for engineers. Triple labyrinth seal on roller has well performance of waterproof & dustproof during operation.

This HDPE roller is designed for the toughest applications. Due to its strengthened frame construction, it can replace steel roller. The self-cleaning surface reduces the risk of buildup from carryback material. The HDPE rollers feature in lightweight, and it can reduce belt tension & power consumption. Keeping your running costs down.

 **Refinedsteel**  
Technology Co., Ltd.

-  **FAX** +886-7-3229269
-  **TEL** +886-7-3229259
-  **MAIL** [sales@refined-steel.com](mailto:sales@refined-steel.com)
-  **ADD** 4F., No. 287, Bo'ai 1st Rd., Sanmin Dist.,  
Kaohsiung City 80743, Taiwan (R.O.C.)

