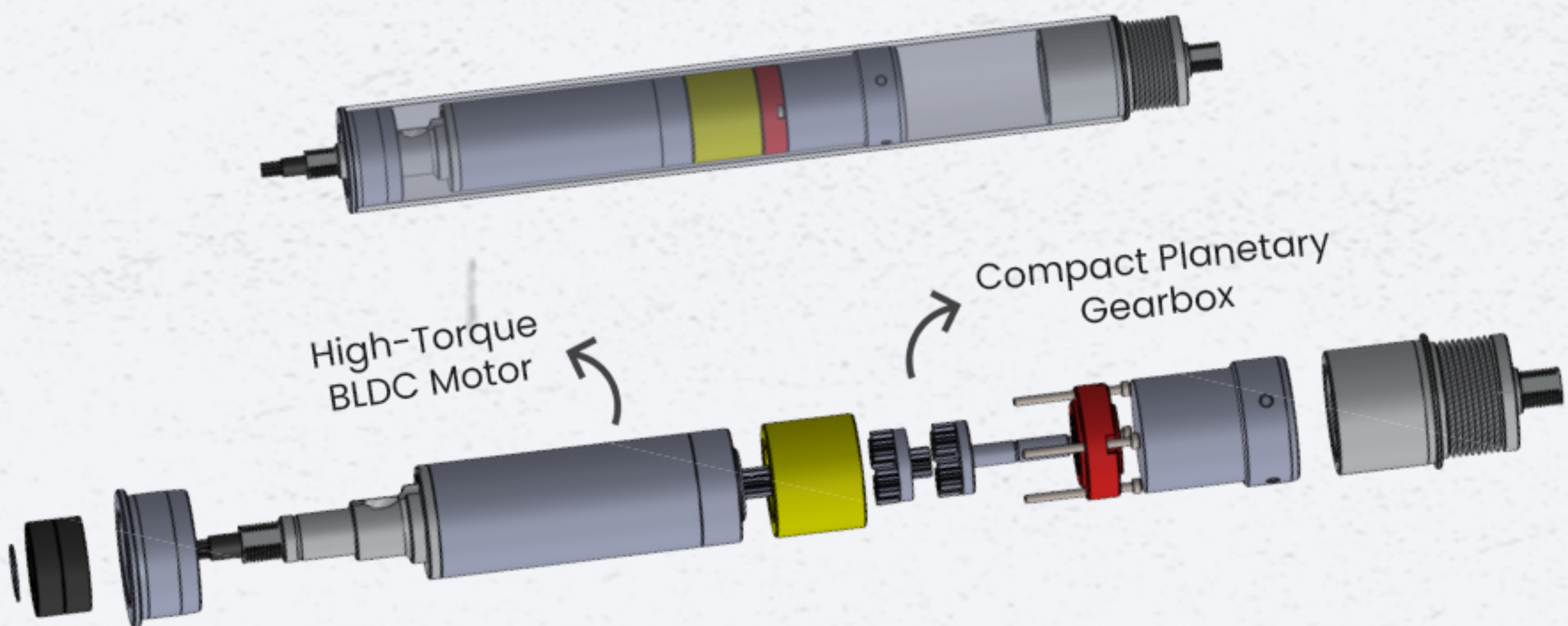


INTRODUCING THE **50MM MDR**

SMARTER.

FASTER.

EFFICIENT.



Motor Driven Rollers (MDR) is a compact conveyor drive with an integrated BLDC motor and gearbox, delivering efficient, quiet, and space-saving performance.

EXPLORE MDR SPECS →

50MM MDR

TECHNICAL SPECIFICATIONS

Engineered for Performance & Reliability

Operating Volatage	: 48 VDC
Power	: 40/60 Watts
Speed	: 9.8 to 157 m/min
RPM	: 62 to 1000 RPM
Torque	: 0.6 to 9.6 Nm
Payload	: 5 to 60 Kgs



EXPLORE MDR TYPES →

TYPES OF **50MM MDR DRIVES**

Optimized solutions for every conveyor system



O Groove



Poly Vee



Sprocket



Crowned

COATING TYPES



COATING TYPE

AVAILABLE IN 50MM MDR

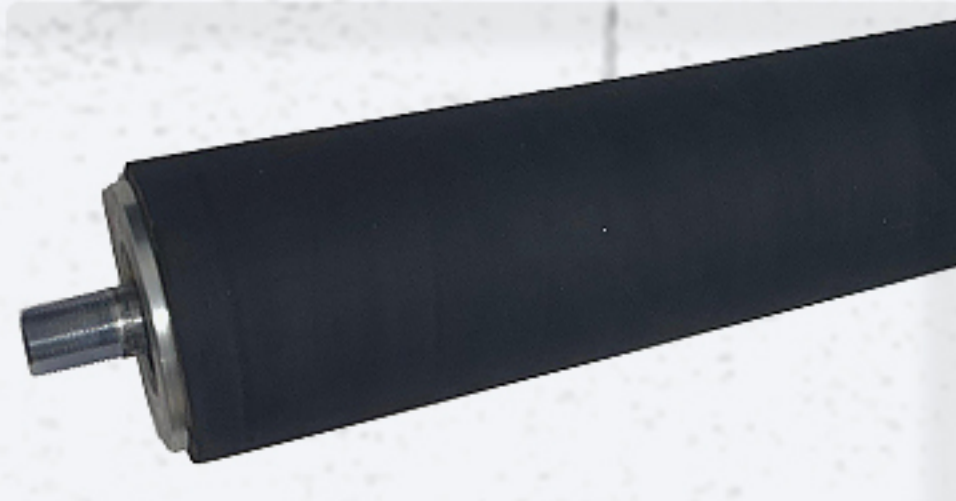
Enhanced performance for every application



MS Zinc Plated
- Corrosion-resistant
- Durable



PU Coating
Smooth surface -
High wear resistance -



Rubber Coating
- Enhanced grip
- Noise reduction



Silicone Coating
Heat resistant -
Flexible -

ROLLER MATERIAL OPTIONS

SS304

MS

CUSTOMIZATION OPTIONS **IN 50MM MDR**

Built to match your unique application needs

| ROLLER & DRIVE CUSTOMIZATIONS

- Tapered Rollers**
- Dual Drive Rollers**
- Low Noise Design**
- High Efficiency Gearbox**

| ENVIRONMENTAL & MATERIAL

- High Humidity Resistance**
- Dust-Proof / IP Rated**
- Food Grade Materials**
- Special Coatings**



CONTACT US



INTRODUCING THE **76MM MDR**

POWERFUL.

RELIABLE.

HEAVY-DUTY.

Coating Options

MS Zinc Plated

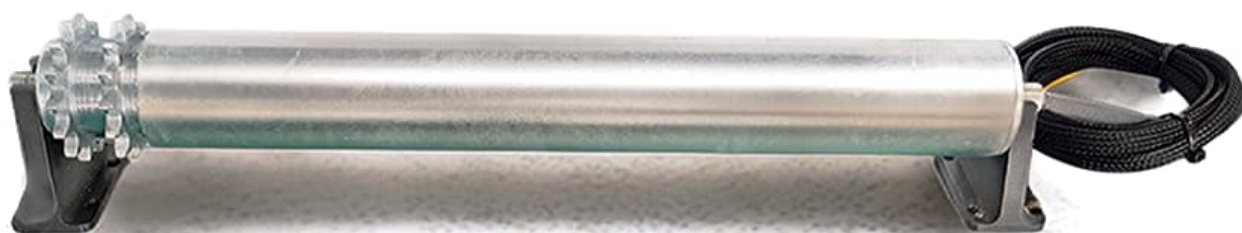
Rubber Coating

PU Coating

Silicone Coating

Payload Capacity

500KG PAYLOAD



Types

Sprocket

Crowned

Roller Material

SS304

MS

TECHNICAL SPECIFICATIONS

Voltage	: 24-36 VDC	RPM	: 62-250 RPM
Power	: 125-180 Watts	Torque	: 4.8-19.2 Nm
Speed	: 15-60 m/min	Payload	: 500 KG

EXPLORE MDR SOLUTIONS

LOOKING FOR THE RIGHT MDR SOLUTION?



From design to performance, RollnDrive is
your trusted conveyor partner.

SMART.

RELIABLE.

BUILT FOR YOU.

✉ sales@rollndrive.com

☎ +91 96378 99174