

Industrial Gear Units:

XMiner - Drive Solution Package



XMINER

Global Availability, Local Support

Created by SEW-Eurodrive in Bruchsal, Germany, the X series is relied upon by the world's most demanding industrial applications in places such as Europe, Australia, Finland, China, and South Africa. Created from the X series specifically for the mining industry, the rugged XMiner is now available locally in North America with engineering and assembly in Lyman, South Carolina.

World class quality + Local availability + Local support ... the wait is over!

Features and Benefits

Features

- Extremely robust housing
- Helical or helical-bevel gear unit
- Single-piece or split gear unit housing
- Reversible housing; can be inverted for either right-hand or left-hand shaft location
- Universal mounting positions
- Distinctive modular technology
- Large selection of standard accessories
- Standard solutions designed for specific applications
- Either CCW or CW rotation

Benefits

- High power density reduces weight and cost
- Innovative/patented cooling systems eliminate expensive alternatives
- Less inventory/spares
- Local engineering and application support provided for proper sizing
- Short delivery for standard versions and spare parts
- Worldwide service
- Customization? No problem!

Mining Applications

- Conveyor systems
- Chain conveyors
- Belt conveyors
- Crushers
- Apron feeders

Size and Torque Capacity

Gear ratios and torques

X.K. bevel-helical gear units: 2, 3 and 4 stages, gear ratio $i = 6.3$ to 450

Gear unit size	Torque capacity M_{N2} [lb-in]	Gear unit size	Torque capacity M_{N2} [lb-in]
100	60,200	200	699,000
110	75,200	210	797,000
120	113,000	220	991,000
130	142,000	230	1,159,000
140	195,000	240	1,381,000
150	243,000	250	1,549,000
160	319,000		
170	398,000		
180	513,000		
190	575,000		



Complete Drive Package:

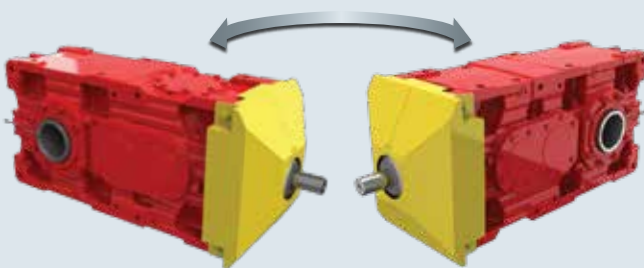
- Gear unit
- Fluid or flexible coupling
- Rigid flange coupling
- Tunnel housing
- Torque arm
- SEW Motor (up to 300 HP)



Plug & Play:

- Alignment free
- Easy drop-in

Reversible gear unit housing



Reversible Housing Design:

- High flexibility with conveyor drives
- Right-hand or Left-hand shaft location available in one unit
- Less inventory/spares



Taconite Heavy Duty Sealing System:

- Abrasive environments:
 - Mining
 - Cement
- Labyrinth sealing path
- Grease purgeable
- Laminar rings prevent grease from getting pumped into gear unit seals



SEW-EURODRIVE
Driving the world

SEW-EURODRIVE ... Wherever you are, we are

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