Item	Romack Crane	Normal Crane
Hoisting Motor	—Squirrel cage pole-change motor —Optimized cooling 30% higher —Protection class IP55 —Motor duty 60% ED	—Carbon brush type, more spares —Normal cooling —Protection class IP54 —Motor duty 40% ED
Drum	—	Larger diameter —Longer wire rope lifetime —GGG70 iron casting drum —Plastic rope guider
Wire rope	—	High duty, stress 2160N/mm2

—	Galvanized, maintenance free	—	No anti-rust treatment
—	Stress 1440N/mm²		

Gearing

—	Hardern	—	Soft tooth s

Brake

—	Disk brake, self-adjusted		
—	Maintenance free	—	Shoe type brake, manual adjustment

Travelling motor

—Inverter motor, squirrel cage type		
—Protection class	IP55	
—Motor duty	40% ED	—1 speed motor
—Protection class	IP44	
—Motor duty	15%-25%ED	

Trolley

—	Stepless, stable operat	—1 speed, hug

Bridge

—	Stepless, stable oper	—1 speed, hug

Condition monitoring

—Life counter
—Overspeed, overheating, o
—Brake lining monitoring and

General design

—Light weight
— **Less wheel load**


—Smallest size
—
Lowest height
—Larger, heig