



# ROBSON LUMP BREAKER

Delivering material consistency to increase your operational efficiencies



Feasibility



Design



Manufacture



Install



Maintenance

# Datasheet | Robson Lump Breaker

## Features and Benefits

### Lower Maintenance Cost

Key components externally mounted.

Ease of access, significantly reducing costly downtime.

### Increased Safety

Minimal external moving parts.  
Available ATEX certified.  
Fully guarded.

Reduction of risks associated with potentially explosive dust atmospheres and lower contamination.  
CE marked for safety

### Guaranteed Quality

Over 100 years' application experience.  
Manufactured by highly skilled technicians and welders.

Increased reliability and durability, with reduced maintenance costs.

### Delivering Material Consistency

Designed to break clumped materials and guarantee a maximum granular lump size.

Eliminates the risk of blockages and allows easier processing of material in downstream equipment.

### Capacity Optimisation

Multiple inputs from screening systems, conveyor discharge, silo discharge & vibration systems.

Seamless integration to new or upgrade systems.



## Technical Specifications

Size	To suit requirements
Drive	Shaft mounted helical bevel   Geared motor unit
Breaker Materials	Blade or rod
Bearings	Plummer block bearing   Flanged bearings
Sensors	Speed switch
Construction Materials	Stainless steel   Coated mild steel
Rod Type (dia)	300mm   Rod 6mm - 20mm
Blade Type (dia)	600mm
Minimum Arm Mesh Gap	8mm (between arms)
Maximum Speed	100RPM (<3m/s)
Maximum Feed	1000 TPH
Conveyed Materials	Dry bulky materials in the form of crumbs, grains, pellets, shreds, dust, powder, flake, or crushed products of bio-matter
ATEX	Zone 20 internally - Zone 21/22 externally

RHT-TDLB1



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