LIZEN SAW

Metal Sawing Tools & Machines | Technical RFQ Guide

Circular Saw Machine & Circular Saw Blade Guide

For high-speed circular saw machines, cold saw machines, tube cutting circular saws, HSS blades, and TCT blades.

English PDF for buyers. Chinese meaning: this is a practical quotation and selection reference, not a final supplier specification sheet.

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How to use this guide

Use this document to prepare RFQ information before asking for quotation.
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• Send material grade, size, machine model, quantity, destination country, and photos when available.

• Final product model, capacity, power, size, coating, packing, and lead time must be confirmed by quotation.

• For distributor or OEM orders, keep the confirmed specification record for repeat purchases.

Machine and blade must match

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Reference circular saw machine families

Series	Application	Key parameters to confirm
70T / 100T / 150T high-speed class	Bar, tube, profile production cutting	Max diameter, blade diameter, servo feed, voltage, output
120L / 150L / 200L high-speed class	Medium-large production cutting	Capacity, blade size, spindle motor, machine weight
Tube cutting circular saw	Round/square/rectangular tube	Tube OD, wall thickness, burr control, cut length
Aluminum cutting circular saw	Aluminum profiles and non-ferrous materials	Profile drawing, clamp method, blade geometry

Circular saw blade reference

Blade type	Reference size data	Use case
HSS circular saw blade	Diameter 250-500 mm; bore 32/40/50 mm or custom	Steel tube, bar, profile, cold sawing
TCT circular saw blade	Diameter 285-610 mm; bore/pin holes by machine	Steel, aluminum, tube, profile, high-speed machines
Aluminum cutting blade	Diameter/bore/tooth count by machine	Aluminum profile, bar, extrusion cutting
Cold saw blade	Diameter, thickness, tooth count, coating	Controlled metal cutting and better surface

RFQ checklist

• Material grade and max size.

• Cut length, tolerance, and output per shift.

• Current saw blade marking if replacing.

• Machine voltage, destination country, and packaging requirement.

RFQ message template

Field	Buyer should provide
Product	Band saw blade / band saw machine / circular saw machine / circular saw blade
Material	Material grade, hardness if known, solid/tube/profile/bundle condition
Size	Workpiece size, blade size, saw blade diameter, or machine model
Quantity	Trial order quantity, monthly demand, or project quantity
Country	Destination country/port and voltage requirement for machines

Disclaimer: Reference data in this guide is for selection and RFQ preparation. Final specifications must be confirmed by the selected model sheet, quotation, and supplier confirmation before order.