



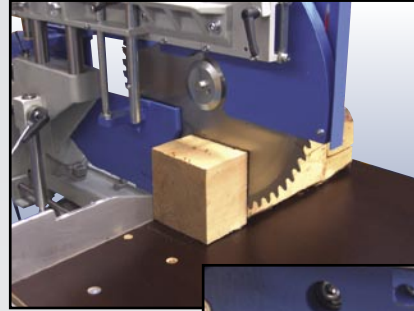
Radial Arm Cross Cut Saws and Trenchers

A comprehensive range of German built quality radial arm cross cut saws for wood, aluminium and plastic.

Equipped with a unique 'central pivot point' of the saw.



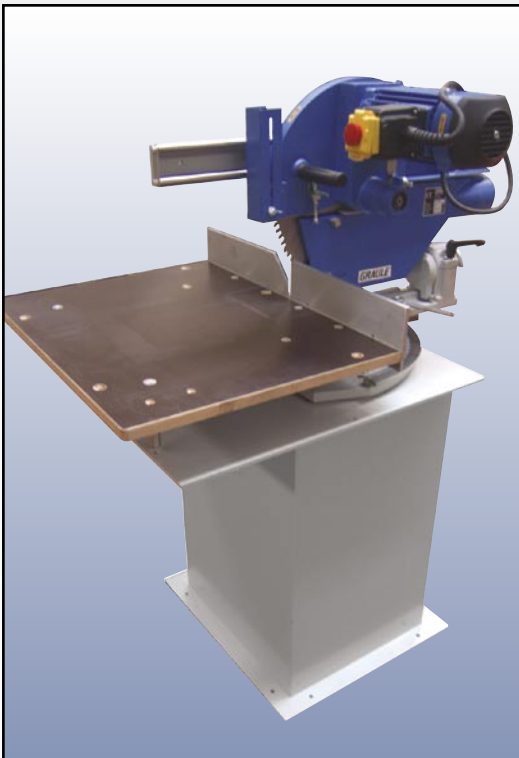
Model ZS200N



Model QNF

Graule radial arm cross cut saws are available in a number of different models with various options available for each depending on your cutting application.

One unique feature of the range is that when angle cutting is required the saw unit pivots about a central point thus always maintaining the same cutting length. This facility is particularly useful for Timber Frame House or Garden Furniture manufacturers who traditionally make a lot of angled cuts.



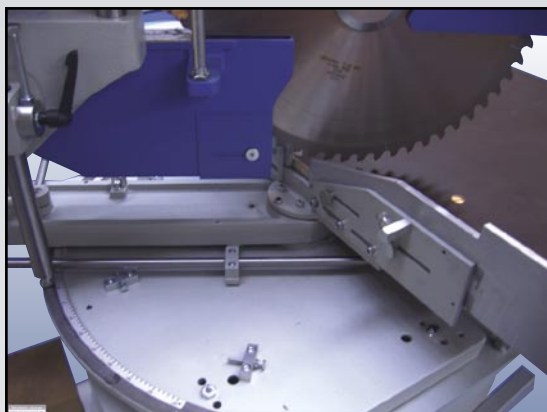
Model ZS170N

The main model range consists of the ZS135, ZS170 and ZS200 radial arm crosscut saws. All are equipped to meet the current PUWER safety regulations including brake motor and spring return. Maximum cutting height capacities at 90 degrees range from 135mm on the ZS135 up to 200mm on the ZS200.

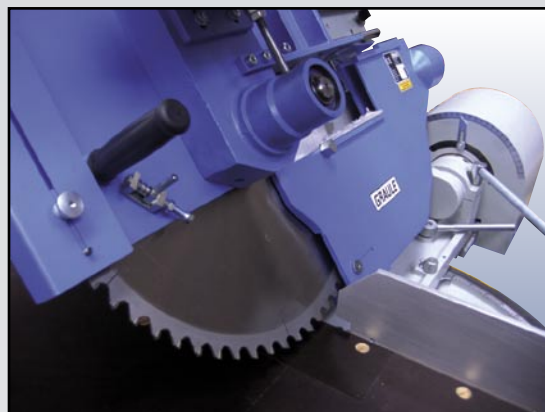
When any of the models are supplied in the 'N' configuration the saw head can tilt up to 45 degrees so enabling compound angles to be cut. For producing a notch, trench or angled 'birds mouth' up to 60mm wide x 60mm deep (or 72mm on request) the QNF model would be specified. This is equipped with 2 x horizontal pneumatic work piece clamps and manual hydrocheck unit that helps control the forward stroke speed of the cutting head.

Although all of the machines offer large cutting capacities they have an ergonomic and compact design meaning the operator does not have to over stretch to use them.

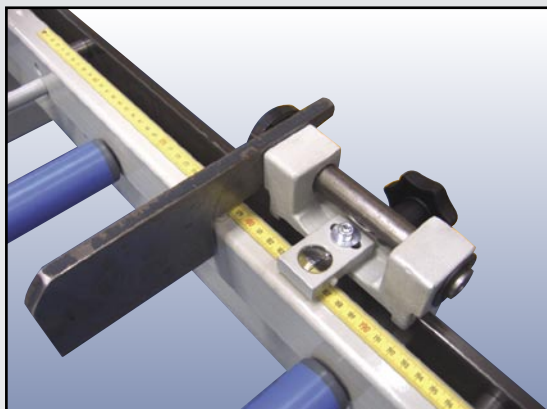
Options include tilt of the head by crank handle from the front of the machine, left and right roller tables, with a variety of different types of mechanical stops along with LED digital readouts for both the vertical and horizontal setting of the axis. The ZS200 model can be equipped with an NC positioning unit for angle setting and also a laser to show the cutting line.



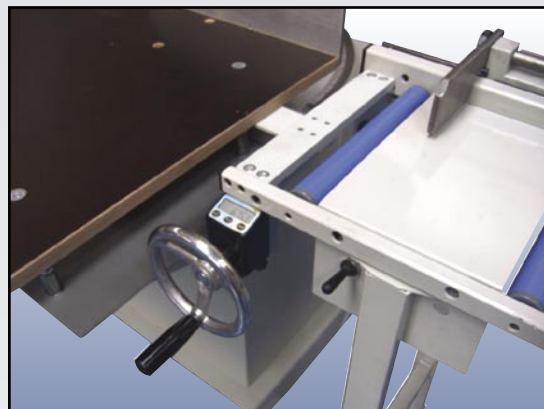
vertical angle
setting
(tilt - N model) ▶



◀ horizontal angle
setting (swivel)



▶ optional RLH roller
table with flip stop
via handwheel,
movement & LCD
position readout



◀ optional RLK roller
table & flip stop

model	ZS170	ZS200	QNF
motor power	3 Kw	5 Kw	3 Kw
max cutting width at 90°	400 mm	420 mm	250 mm
max cutting depth at 90°	170 mm	200 mm	60 mm
max blade / tool diameter	420 mm	520 mm	250 mm
max width of tenon / notch	N/A	N/A	60 mm
horizontal angle setting	25° / 90° / 45°	25° / 90° / 45°	90° / 45°
vertical angle setting (N model only)	45° / 90° / 45°	30° / 90° / 60°	90° / 45°
dust extraction outlet diameter	100 mm	100 mm	100 mm

Standard Equipment ZS Range

brake motor - support stand - spring return of saw unit - rise & fall via handwheel

Standard Equipment QNF

brake motor - support stand - hydrocheck - horizontal pneumatic table clamps

Optional Equipment (Not available on all models)

left / right roller tables and stops - hydrocheck - crank handle for vertical tilting of head (N model only) - digital readout for angle setting - NC angle setting - laser.

All specifications and options are subject to manufacturers change without prior notice



t: 0151 548 9000 / f: 0151 549 1771

e: sales@jjsmith.co.uk / www.jjsmith.co.uk

Moorgate Rd, Knowsley Industrial Park, Kirkby, Liverpool. L33 7DR