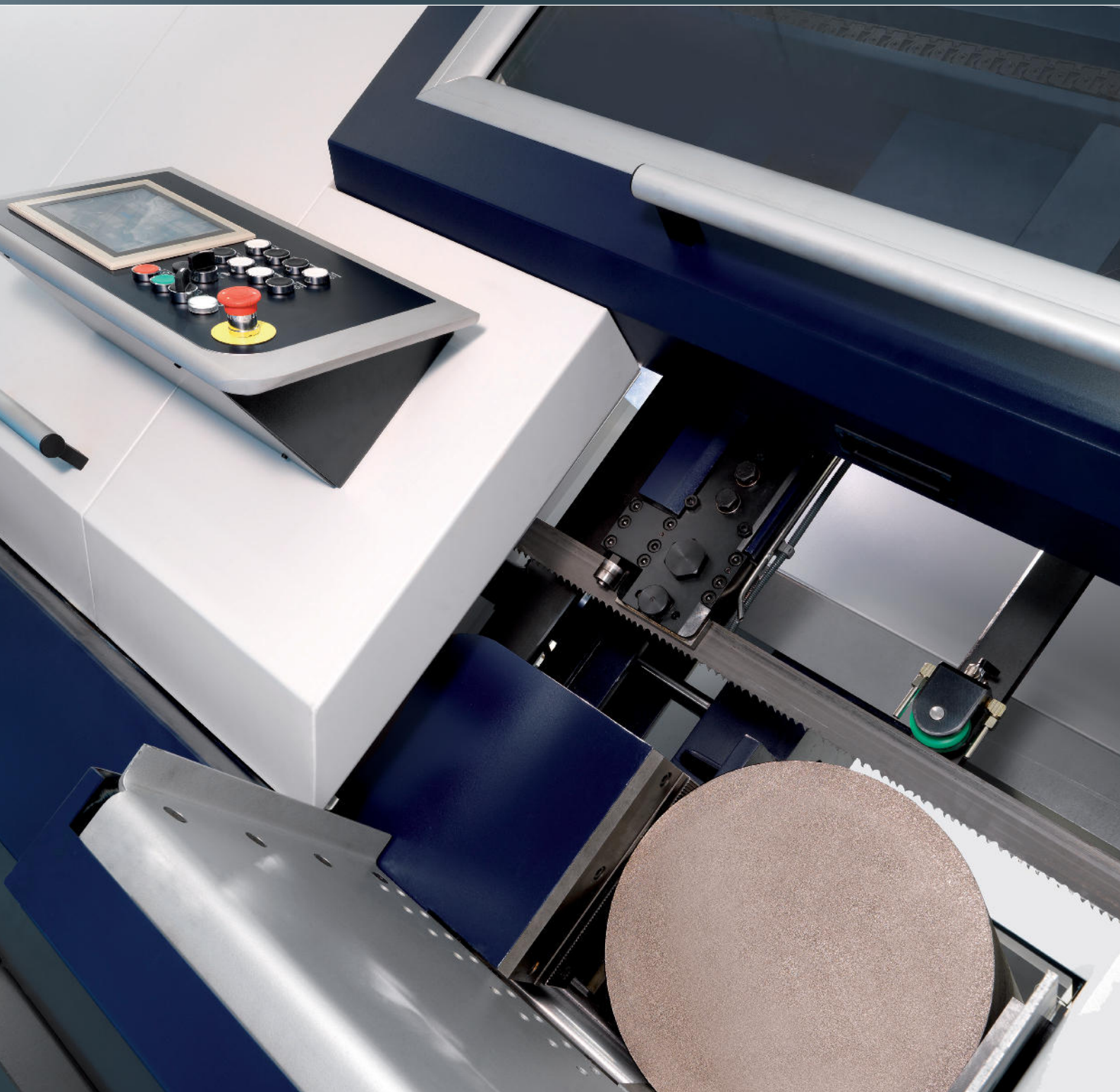




DANOBAT

iDS

BAND SAWING MACHINE



BANDSAW INTELLIGENCE AT YOUR SERVICE

Improving your cutting performance



IDS OPTIMUM RESULTS

We have conceived and designed the DANOBAT IDS band saw machine to help your business achieve higher performance in productivity, accuracy and blade life.

The IDS band saw has a very heavy duty construction that allows you to maximize the latest and future developments in band saw blade technology.

The base of the machine and the saw head are manufactured in one piece with electrowelded and stabilized steel which together with a double column design traveling on linear guides helps eliminate vibration and contributes to extremely smooth downfeed. The twin columns are also filled with polymer concrete which again help absorb vibration thereby enhancing cutting performance and blade life.

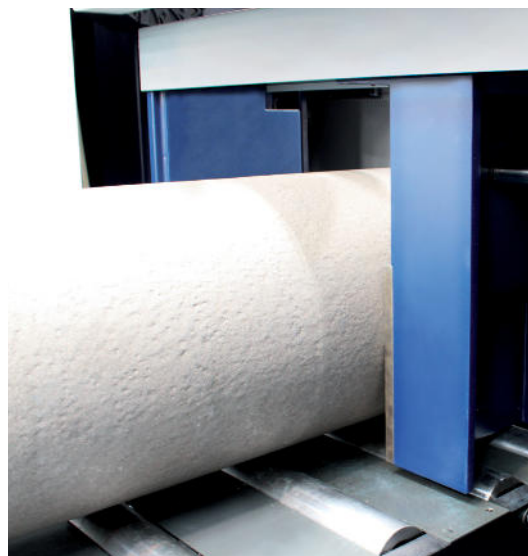
The IDS helps you in achieving and exceeding your customer's highest expectations.

Reduce your overheads, increase your profit

BACKGROUND CONCEPTS

ACCURACY

The detailed analysis in the design and construction of the iDS band saw guarantees you obtaining very high accuracy, high production rates and the very best blade life.



GUIDING

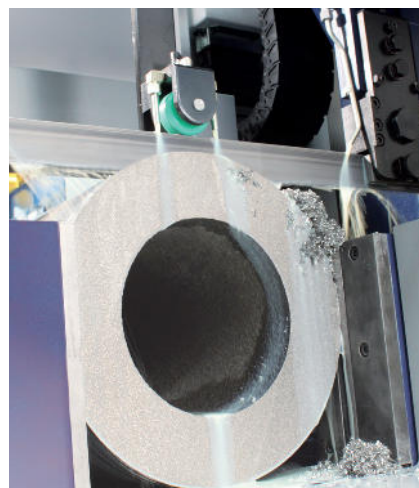
Blade guidance is carried out with a combination of bearings and carbide pads. When the machine is cutting the moving guide arm is locked in position with multiple hydraulic cylinders to ensure maximum rigidity.

CHARIOT

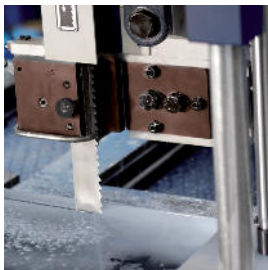
The feeding chariot has a slow start and stop facility in addition to the normal feed to improve accuracy. The machine stops automatically if it detects lack of material.

MAIN FEATURES

		iDS 4A	iDS 5A	
Round	mm inch	420 16.5"	520 20.5"	
Square	mm inch	420 x 420 16.5" x 16.5"	600 x 520 23.6" x 20.5"	
Blade dimensions	mm inch	5920 x 41 x 1.3 233" x 1.5" x 0.05"	7690 x 54 x 1.6 302" x 2" x 0.063"	
Blade speed	m/min fpm	15-120 50-392	13-100 43-328	18-150 60-492
Main motor power	kW hp	5.5 7.3	7.5 10	11 15
Weight	kg lbs	4000 8900	5500 12125	



OTHER SAWING AND DRILLING SOLUTIONS



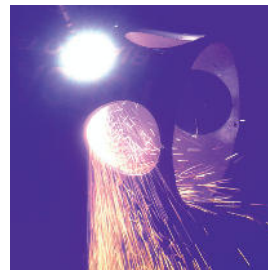
Vertical bandsaws



Mitre bandsaws



Drilling units



3D plasma cutting