Sawing technology

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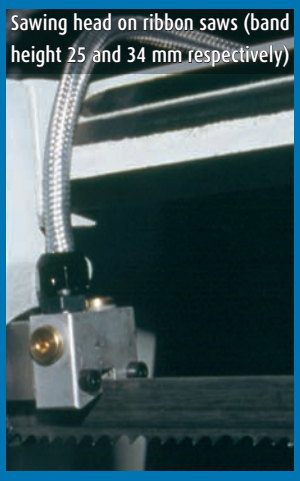
Sawing head on ribbon saws (band height 25 and 34 mm respectively)

*micro**jet*® minimum-consumption lubricating systems are becoming ever more important in present-day sawing technology. Circular and ribbon saws can be retrofitted with nozzle heads of various design without any difficulty. Each nozzle is then provided with a metering hose. Such equipment results in high process reliability ensuring the manufacturing quality and productivity required in the respective cases.

Using *microjet*® minimum-consumption lubricating systems in the sawing technology means:**

- continuous oiling of saw teeth
- uniform application of lubricant
- minute consumption of lubricant
- high cutting rates by using special lubricants
- dry sawing parts and dry chips
- dry machines
- no cleaning, no disposal issue
- higher productivity


Nozzle head with two nozzles on circular saw (diameter of circular saw blade > 700 mm)


Sawing head with 2 nozzles on KASTO ribbon saws (band height 41 mm respectively)

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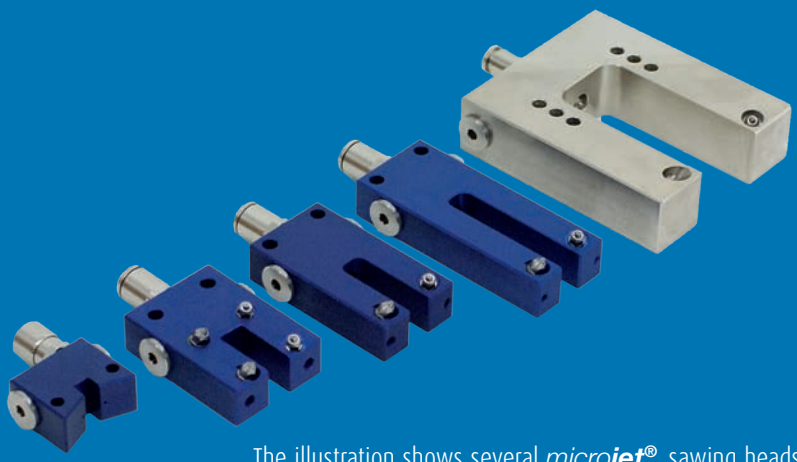
*micro**jet***® sawing head variants

for circular- and ribbon saws



The illustration shows several *micro**jet***® sawing heads for band heights 27 mm and 80 mm respectively

*micro**jet***® Tank

Technical data:

System type MKS-G	**100**	**260**	**500**	**1000**	**Unit**
Max. pressure:	7	7	7	7	bar
Max. capacity of tank:	1,6	2,6	5	10	litre
Max. contents in tank:	1,0	2,0	4,0	9,0	litre
Opening pressure of safety valve:	7	7	7	7	bar
Operating pressure:	0.5 - 6			bar	
Air consumption depends on setting appr.:	50 - 100 l/min./nozzle				
Lubricant consumption depends on setting appr.:	5 - 200 ml/h/nozzle				

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microjet® GmbH
Minimum-quantity lubrication systems