

VENTIS-AJ 4 kW

Nozzles

Material	Cut Type	Thickness (mm)	Nozzle Size	Nozzle Code
Mild Steel (SPC, SPH & SS400)	Air	0.8 - 1.2	S2.0	Nozzle 80CF
		1.5	D2.5	Nozzle 73CF
	Nitrogen	0.8 - 2	S2.0	Nozzle 80CF
		2.5 - 5	D2.5	Nozzle 73CF
		6	D2.5	Nozzle 73CF
		8	D2.5	Nozzle 73CF
	ECO	1 - 4	S1.0 FE	Nozzle 105F
		5 - 6	S1.2 FE	Nozzle 106F
		8 - 12	D1.2 FE	Nozzle 113F
	15 - 20	D1.4 FE	Nozzle 39F	
	WACS	15 - 25	D2.5 W	Nozzle 60CF

Material	Cut Type	Thickness (mm)	Nozzle Size	Nozzle Code
Stainless Steel (SUS)	Air	0.8 - 1.5	S2.0	Nozzle 80CF
		2.0 - 3	D4.0 C	Nozzle 84CF
	Nitrogen	0.8 - 2	D2.0 F	Nozzle 100F
		2.5	D2.5	Nozzle 73CF
	Nitrogen Productivity Mode	3	D2.0 F	Nozzle 100F
		4 - 8	D2.5	Nozzle 73CF
		10	D4.0 C	Nozzle 84CF
		12 - 20	D7.0 C	Nozzle 88CF
	Nitrogen Quality Mode	3	D2.5	Nozzle 73CF
		4 - 12	D4.0 C	Nozzle 84CF
		15	D7.0 C	Nozzle 88CF

Material	Cut Type	Thickness (mm)	Nozzle Size	Nozzle Code
Aluminium (A5052 & A1050)	Air	0.8 - 2.0	S2.0	Nozzle 80CF
		2.5 - 3	D4.0 AL	Nozzle 76CF
	Nitrogen	0.8 - 2	D2.0 F	Nozzle 100F
		2.5	D4.0 AL	Nozzle 76CF
		3 - 5	S1.5	Nozzle 79C
		6 - 10	D2.5	Nozzle 73CF
12 - 15	D4.0 AL	Nozzle 76CF		
Galvanised (SECC)	Air	0.8 - 1.2	S2.0	Nozzle 80CF
		1.5	D2.5	Nozzle 73CF
	Nitrogen	0.8 - 1.5	D2.0 F	Nozzle 100F
		2 - 2.5	D2.5	Nozzle 73CF
		3	D2.0 F	Nozzle 100F

Material	Cut Type	Thickness (mm)	Nozzle Size	Nozzle Code
Brass	Nitrogen	1 - 3	D2.0 F	Nozzle 100F
		4 - 10	D4.0 AL	Nozzle 76CF
Titanium	Nitrogen	1 - 3	S2.0	Nozzle 80CF
		4 - 10	D4.0 AL	Nozzle 76CF
Copper	Oxygen	1 - 2	D2.0 F	Nozzle 100F
		3	D2.5	Nozzle 73CF
		4 - 5	D4.0 AL	Nozzle 76CF
		6 - 8	D7.0 AL	Nozzle 93F

Recommended Stock

Recommended Stock		Nozzle Code	Nozzle Description
QTY	Bulk/ pack		
		Nozzle 39F B5	AMADA® DOUBLE NOZZLE D1.4 FE FIBER CP WITH COLLAR
		Nozzle 60CF B10	AMADA® DOUBLE NOZZLE Ø D2.5W CP WACS
		Nozzle 73CF B10	AMADA® DOUBLE NOZZLE Ø D2.5 CP ECO CUT
		Nozzle 76CF B10	AMADA® DOUBLE NOZZLE Ø D4.0 AL CP
		Nozzle 79C B10	AMADA® NOZZLE Ø S1.5 CP ECO CUT
		Nozzle 80CF B10	AMADA® NOZZLE Ø S2.0 CP ECO CUT**
		Nozzle 84CF B10	AMADA® DOUBLE NOZZLE Ø D4.0CC SPECIAL CP FOR CLEAN CUT
		Nozzle 88CF B10	AMADA® DOUBLE NOZZLE Ø D7.0CC SPECIAL CP FOR CLEAN CUT
		Nozzle 93F B10	AMADA® DOUBLE NOZZLE Ø 7.0 AL CC CP
		Nozzle 100F B10	AMADA® DOUBLE NOZZLE Ø D2.0F CP
		Nozzle 105F B10	AMADA® NOZZLE Ø S1.0 FE FIBER CP WITH COLLAR*
		Nozzle 106F B10	AMADA® NOZZLE Ø S1.2 FE FIBER CP WITH COLLAR
		Nozzle 113F B5	AMADA® DOUBLE NOZZLE D1.2 FE FIBER CP WITH COLLAR*
Recommended Stock		Optics Code	Optics Description
		Optic164	2" diameter lens
		Optic173	10 pieces of protection glass
Recommended Stock		Laser Head Code	Laser Head Description
QTY	Bulk/ pack		
		NOZZACC 21CF B5	AMADA® NOZZLE ADAPTOR WITH HOLES and INNER
		NOZZACC 27C B10	Shield Ring
		74780306	Coupler Sensor Head
Recommended Stock		Code	Maintenance
		717710073	WACS Oil
		71567892	Shot Oil



FOR ALL ENQUIRIES
01562 749 524
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* Collar supplied

** Not for use with reflective material

Note: Units codes ending B5 or B10 denote bulk packs of qty 5 or qty 10.