



WUHAN SKY FIRE TECHNOLOGY CO.,LTD

No.99 Jinxiu Avenue, Wulijie Street, Jiangxia District, Wuhan, Hubei, China

Email: info@sflaser.net/andy@sflaser.net

Tel: +86 15527861820

Annual List of Consumables For Laser Cutting Head

Raytools BT220 (Applicable Power:2000W)			
Item	Description	Qty	Note
1	Protection Lens	Upper Layer 2 Lower Layer 30	Upper Layer D24.9x1.5 Lower Layer D27.9x4.1
2	Nozzle (Single)	60	Diameter28
3	Ceramic Body	4	D28 M11
4	Sensing Cable	1	Defined by the Cutting Head
5	Lens Cleaning Cotton Swap	4	
6	Lens Cleaning Tissue	4	
7	Laser Protection Goggle	1	
8	Collimation Lens	1	F75mm F100mm
9	Focus Lens	1	F125mm F150mm
10	Rubber Seal O-Ring	Upper Layer1 Lower Layer1	Upper Layer ϕ 29.2 Lower Layer ϕ 32.2

Raytools BS03K (Applicable Power:3000W)			
Item	Description	Qty	Note
1	Protection Lens	Upper Layer 2 Lower Layer 30	Upper Layer D24.9x1.5 Lower Layer D27.9x4.1
2	Nozzle (Single)	60	Diameter28



WUHAN SKY FIRE TECHNOLOGY CO.,LTD

No.99 Jinxiu Avenue, Wulijie Street, Jiangxia District, Wuhan, Hubei, China

Email: info@sflaser.net/andy@sflaser.net

Tel: +86 15527861820

3	Ceramic Body	4	D28 M11
4	Sensing Cable	1	Defined by the Cutting Head
5	Lens Cleaning Cotton Swap	4	
6	Lens Cleaning Tissue	4	
7	Laser Protection Goggle	1	
8	Collimation Lens	1	
9	Focus Lens	1	
10	Rubber Seal O-Ring	Upper Layer1 Lower Layer1	

Raytools BM110 (Applicable Power:3300W)

Item	Description	Qty	Note
1	Protection Lens	Upper Layer 2 Lower Layer 30	Upper Layer D24.9x1.5 Lower Layer D27.9x4.1
2	Nozzle (Single)	60	Diameter32
3	Ceramic Body	4	D32 M14
4	Sensing Cable	1	Defined by the Cutting Head
5	Lens Cleaning Cotton Swap	4	
6	Lens Cleaning Tissue	4	
7	Laser Protection Goggle	1	
8	Collimation Lens	1	F75mm F100mm



WUHAN SKY FIRE TECHNOLOGY CO.,LTD

No.99 Jinxiu Avenue, Wulijie Street, Jiangxia District, Wuhan, Hubei, China

Email: info@sflaser.net/andy@sflaser.net

Tel: +86 15527861820

9	Focus Lens	1	F125mm F155mm F200mm
10	Rubber Seal O-Ring	Upper Layer1 Lower Layer1	Upper Layerφ29.2 Lower Layerφ32.2

Raytools BM06K(Applicable Power:6000W)

Item	Description	Qty	Note
1	Protection Lens	Upper Layer 4 Lower Layer 50	Upper Layer D24.9x1.5 Lower Layer D37x7
2	Nozzle (Single)	100	Diameter28
3	Ceramic Body	4	D28 M11
4	Sensing Cable	1	Defined by the Cutting Head
5	Lens Cleaning Cotton Swap	4	
6	Lens Cleaning Tissue	4	
7	Laser Protection Goggle	1	
8	Collimation Lens	1	F100mm
9	Focus Lens 焦点镜片	1	F150mm F200mm
10	Rubber Seal O-Ring	Upper Layer1 Lower Layer1	Upper Layerφ24.9 Lower Layerφ42.2

Raytools BS06K (Applicable Power:6000W)

Item	Description	Qty	Note
------	-------------	-----	------



WUHAN SKY FIRE TECHNOLOGY CO.,LTD

No.99 Jinxiu Avenue, Wulijie Street, Jiangxia District, Wuhan, Hubei, China

Email: info@sflaser.net/andy@sflaser.net

Tel: +86 15527861820

1	Protection Lens	Upper Layer 4 Lower Layer 50	Upper Layer D24.9x1.5 Lower Layer D37x7
2	Nozzle (Single)	100	Diameter28
3	Ceramic Body	4	D28 M11
4	Sensing Cable	1	Defined by the Cutting Head
5	Lens Cleaning Cotton Swap	4	
6	Lens Cleaning Tissue	4	
7	Laser Protection Goggle	1	
8	Collimation Lens	1	F100mm
9	Focus Lens	1	F150mm F200mm
10	Rubber Seal O-Ring	Upper Layer1 Lower Layer1	Upper Layer ϕ 24.9 Lower Layer ϕ 42.2

BOCI BLT310 (Applicable Power \leq 4000W)

Item	Description	Qty	Note
1	Protection Lens	Upper Layer 4 Lower Layer First 2 Lower Layer Second 48	Upper Layer D25.4 Lower First Laser D25.4 Lower Second Layer D25.4
2	Nozzle (Single)	60	Diameter28
3	Ceramic Body	4	D41 M11
4	Lens Cleaning Cotton Swap	4	



WUHAN SKY FIRE TECHNOLOGY CO.,LTD

No.99 Jinxiu Avenue, Wulijie Street, Jiangxia District, Wuhan, Hubei, China

Email: info@sflaser.net/andy@sflaser.net

Tel: +86 15527861820

5	Lens Cleaning Tissue	4	
6	Laser Protection Goggle	1	
7	Collimation Lens	1	F100mm
8	Focus Lens	1	F200mm
9	Rubber Seal O-Ring	Lower Layer1	Lower Layerφ31

BOCI BLT421 (Applicable Power≤8000W)			
Item	Description	Qty	Note
1	Protection Lens	Upper First Layer 4 Upper Second Layer 4 Lower First Layer 2 Lower Second Layer 48	Upper First Layer D21.5x2 Upper Second LayerD25.4x4 Lower First Layer D34x5 Lower Second Layer D34x5
2	Nozzle (Single)	100	Diameter28
3	Ceramic Body	4	D41 M11
4	Lens Cleaning Cotton Swap	4	
5	Lens Cleaning Tissue	4	
6	Laser Protection Goggle	1	
7	Collimation Lens	1	F100mm
8	Focus Lens	1	F150mm F200mm
9	Rubber Seal O-Ring	Lower Layer1	Lower Layerφ38.5

Note:

- The above parameters are the consumables required for normal use and are for reference only.
- The collimation and focusing of the cutting head should be provided to the customer according to the magnification ratio indicated on the cutting head.



WUHAN SKY FIRE TECHNOLOGY CO.,LTD

No.99 Jinxiu Avenue, Wulijie Street, Jiangxia District, Wuhan, Hubei, China

Email: info@sflaser.net/andy@sflaser.net

Tel: +86 15527861820

Collimation and Focusing Ratios for Laser Cutting Head

Power	2000W	3000W	3000W	6000W	6000W
Collimation	F100	F100	F100	F100	F100
Focusing	F125	F125	F155	F155	F200
		For Medium-Thin Plates	For Medium-Thick Plates	For Medium-Thin Plates	For Medium-Thick Plates