



FLOW SORT™ X-RAY DIAMOND RECOVERY MACHINE COMPARISON

SINGLE STAGE MODELS	XR 2/50 DW OX	XR 2/50 DW	XR 400f DW	XR 400 DW	EGT 500	XMS 3/1	FFXR 8/75
Image							
Power Requirements Single Phase	3kVA / 230 Volt	3kVA / 230 Volt	3kVA / 230 Volt	3kVA / 230 Volt	3kVA / 230 Volt	ON REQUEST	5kVA / 230 Volt
Power Requirements Three Phase	3kVA / 380 Volt	ON REQUEST	ON REQUEST	ON REQUEST	3kVA / 380 Volt	6kVA / 380 Volt	5kVA / 380 Volt
Water Requirements	10 - 80 l/min @ 600kPa	10 - 80 l/min @ 600kPa	30 - 160 l/min @ 600kPa	30 - 160 l/min @ 600kPa	30 l/min @ 600kPa	50 - 100 l/min @ 600kPa	30 - 100 l/min @ 600kPa
Minimum Particle Size	1mm	1mm	1mm	10mm	8mm	1mm	8mm
Maximum Particle size	50mm	50mm	50mm	75mm	100mm	50mm	75mm
Recovery Efficiency	ABOVE 98%	ABOVE 98%	ABOVE 98%	ABOVE 98%	ABOVE 98%	ABOVE 98%	ABOVE 98%
Number of Feeders	1	1	1	1	1	3	2
Feed Width	200mm	200mm	400mm	400mm	500mm	1300mm	1200mm
Number of X-ray Tubes	1	1	1	1	1	3	2
Total Number of Optic Channels	2	2	16	16	1	48	48
Total Number of Ejectors (Diverters)	2	2	4	4	1	12	12
Remote (Scada) Control	Optional	Standard	Standard	Standard	Optional	Standard	Standard
Pre-Water Filter	Optional	Standard	Standard	Standard	Optional	Standard	Standard
Automatic Tracer Dispenser (ATD)	Optional	Standard	Standard	Standard	Optional	Optional	N/A
Automatic Tracer Recovery (ATRS)	Not Available	Standard	Standard	Standard	N/A	Standard	N/A
Overfeed Protection	Not Available	Standard	Not Available	Not Available	Not Available	Standard	Not Available
Remote Sorter Access	YES	YES	YES	YES	NO	YES	YES
Online Flow Monitoring	NO	YES	YES	YES	NO	YES	YES
Convertible to Twin Stage TSXR	NO	YES	YES	YES	NO	YES	NO
Concentrate Bin Kit	Optional	Optional	Not Available	Not Available	Not Available	Not Available	Not Available
Control Panel Size (HxWxD)	800x600x300	1200x600x300	1200x600x300	1200x600x300	1200x600x300	N/A	N/A
Sorter Size (LxWxH)	2580x710x1990	2580x710x1990	2865x750x1986	2865x750x1986	2580x710x1990	6060x2440x2590	2420x2000x2082

TWIN STAGE MODELS	N/A	TSXR 2/50 DW	TSXR 400/f DW	TSXR 400 DW	N/A	XMS 3/2	N/A
Power Requirements Single Phase	N/A	4kVA / 230 Volt	4kVA / 230 Volt	4kVA / 230 Volt	N/A	ON REQUEST	N/A
Power Requirements Three Phase	N/A	ON REQUEST	ON REQUEST	ON REQUEST	N/A	8kVA / 380 Volt	N/A

TWIN STAGE (TSXR) SPECIFICATIONS ARE IDENTICAL TO SINGLE STAGE MODELS (EXCEPT FOR POWER CONSUMPTION, WEIGHT AND SIZE)

TYPICAL FEED RATES APPLICABLE FOR SINGLE AS WELL AS TWIN STAGE SORTER MODELS (FOR MATERIAL WITH S.G. 2,7)	XR2/50 DW OX	XR (TSXR) 2/50 DW	XR (TSXR) 400f DW	XR (TSXR) 400 DW	EGT 500	XMS 3/1 XMS 3/2	FFXR 8/75
	kg PER HOUR	kg PER HOUR	kg PER HOUR	kg PER HOUR	kg PER HOUR	kg PER HOUR	kg PER HOUR
Feed Rate + 1,25 mm - 3 mm	560	N/A	1 120	N/A	N/A	3 400	N/A
Feed Rate + 3 mm - 6 mm	1 100	N/A	2 200	N/A	N/A	7 200	N/A
Feed Rate + 6 mm - 12 mm	2 230	N/A	4 460	N/A	N/A	14 000	N/A
Feed Rate + 4 mm - 8 mm	1 500	N/A	3 000	N/A	N/A	9 500	N/A
Feed Rate + 8 mm - 16 mm	2 800	2 800	5 600	5600	2 400	19 000	17 000
Feed Rate + 16 mm - 35 mm	7 000	7 000	14 000	14000	7 000	41 000	37 000
Feed Rate + 20 mm - 50mm	8 500	8 500	N/A	17000	15 000	56 000	51 000
Feed Rate + 25 mm - 50 mm	9 000	9 000	N/A	18000	20 000	60 000	55 000
Feed Rate + 25 mm - 75 mm	N/A	N/A	N/A	N/A	30 000	N/A	73 000
Feed Rate + 50 mm - 100 mm	N/A	N/A	N/A	N/A	45 000	N/A	N/A
Yield (Per Ejection)	0,0012% of Feed Rate	0,0012% of Feed Rate	0,0024% of Feed Rate	0,0024% of Feed Rate	0,02% of Feed Rate	0,0012% of Feed Rate	0,0012% of Feed Rate

The company reserves the right to make changes without prior notice.