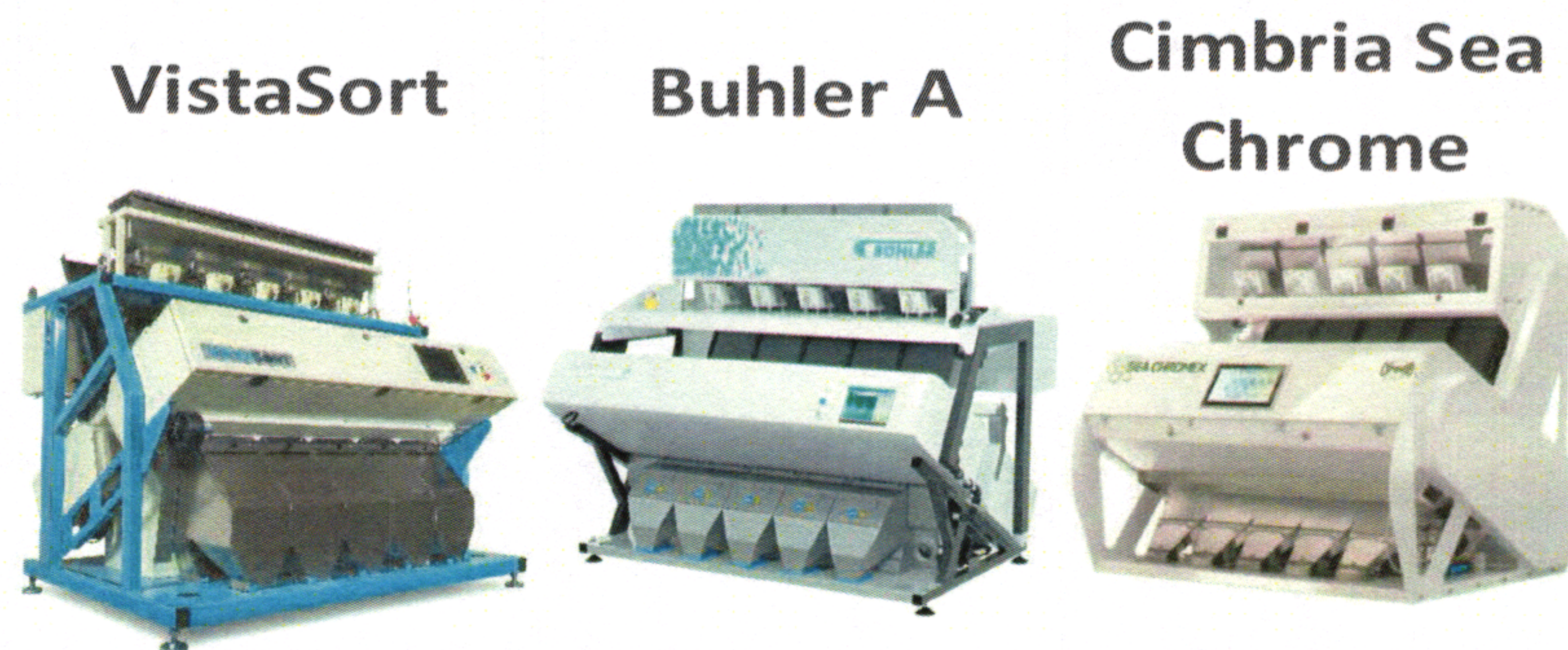


## LMC Canada Colour Sorter Comparison



Features			
Ejectors	42, 63, or 72 per chute	42 or 64 per chute	54 per chute
Ejection width	7.1 mm, 4.7 mm, 4.1 mm	7.1 mm or 4.7 mm	5 mm
Ejector Life expectancy	10 billion ejection life, Servicable	2 billion ejection life, non-servicable	2 billion ejection life, Serviceable
Chutes	300 mm width 1 to 12	300 mm width 1 to 5	270 mm width (10% less capacity per chute) 1 to 7
Camera resolution	0.07 mm (4096 pixels)	2048 pixel (no new data but from working on an A that is all they have)	0.06 mm (4096 pixels) better resolution because narrower chute
	16.7 million colours	16.7 million colours with 2 cameras	16.7 million colours
	RGB	RG or RB or RB and RG (requires 4 cameras no IR with this option)	RGB
IP rating	IP54	IP5x, ATEX 22 available	IP55, ATEX 22 available
Remote connection	Standard	Extra charge	Standard
Rated air consumption per chute	20 cfm	17 cfm	18 cfm
IR availability (with extra cost) Camera Options	NIR InGaAs	NIR InGaAs	NIR InGaAs
	Monochromatic	Mono or Bichromatic	Monochromatic
	SWIR (short wave infra red) and NIR (near infra red) overlap in wavelengths, all machines use the same range of IR wavelengths in the range of 1200 to 1600 nanometres		
Configuration	Each chute can be independently set so no additional configuration for the machine to switch from resort to no resort	Machine can be at most configured into 3 sorting divisions and machine must be reconfigured in the software to divide the machine	Machine must be reconfigured to enable multiple division
"automatic sort setup"	Intelligent sorting	Not available	HSi
Lighting	LED, Halogen IR	LED, Halogen IR	LED, Halogen IR
5 Chute Width	2186mm (86")	1920mm (76")	2387mm (94")