

AT MOBILE SEPARATOR ROI SHEET

Mayfran International's AT Mobile Separator is a mobile automatic separation system that removes small chips and fines from the coolant tank. The AT Mobile Separator is ideal for most machining environments using any material that has a higher density than magnesium.



RETURN ON INVESTMENT

With Mayfran's AT Mobile Separator you can expect payback typically within two to three years. Shown below are the expected savings when using with a machine in conjunction with a separator conveyor.

Labor cost savings from reduced tank clean outs	\$1,250/YEAR
Coolant cost savings	\$1,000/YEAR
Savings from increased uptime through reduced tank clean outs	\$1,600/YEAR
Total Savings	\$3,850/YEAR

* Savings does not include cost of replacing waycovers, tool holders, chuck, ball screw/linear guides. Actual total savings may be higher. ROI is based on 3 tank clean-outs per year versus 8, at 4 hours each.

MATERIAL DENSITY CHART

Mayfran's AT Mobile Separator is an ideal solution for machining any material that has a higher density than magnesium.

Note: The AT Mobile Separator is not ideal for magnesium, composites, and plastics applications.

	Metal	Density (lb/in ³)	Specific Gravity
✗	Magnesium	.064	1.77
✓	Aluminum	.098	2.70
✓	Titanium	.161	4.51
✓	Chromium	.250	6.92
✓	Zinc	.258	7.14
✓	Tin	.264	9.30
✓	Stainless Steel (type 410)	.278	7.70
✓	Iron/Steel	.284	7.87
✓	Stainless Steel (type 304)	.285	7.90
✓	Muntz Metal	.303	8.39
✓	Cartridge Brass	.308	8.53
✓	Commercial Bronze	.3018	8.80
✓	Monel	.319	8.83
✓	Nickel	.321	8.90
✓	Nickel Silver	.323	8.95
✓	Copper	.323	8.96
✓	Silver	.379	10.49
✓	Lead	.409	11.34
✓	Gold	.687	19.32

