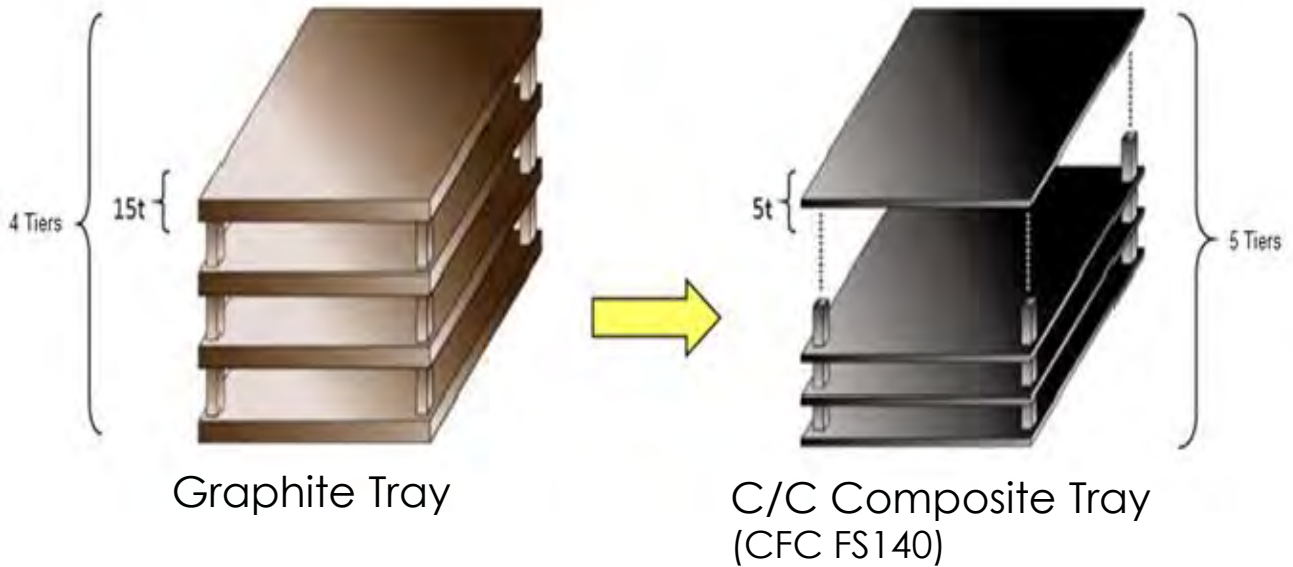


Graphite vs. C/C Tray Comparison

(Steel parts were heated from 25°C to 1000°C)



		Weight of Parts	Weight of Trays	Total Weight	Heat Capacity	Effective Heat Available
Graphite : 15 mm thick	Base + 4 Tiers	80kg	70kg	150kg	2.0×10^7 cal	41%
C/C: 5 mm thick (FS140)	Base + 5 Tiers	100kg	29.1kg	129.1kg	1.5×10^7 cal	68%
Result	+ 1 Tier	+25%	58% weight loss	14% weight loss	24% decrease	27% effective

- ✓ Productivity Increase
- ✓ Energy Savings
- ✓ Ease of Material Handling
- ✓ Longer Product Life