

Capabilities for Casting at RMC

| Casting Process | | Annual Capacity / Tons | Main Materials | Casting Weight | Dimensional Tolerance Grade (ISO 8062) | Heat Treatment |
|---|---------------------|------------------------|---|---------------------|--|---|
| Green Sand Casting | | 6000 | Gray Cast Iron, Ductile Cast Iron, Cast Al, Brass, Cast Steel, Stainless Steel | 0.3 kg to 200 kg | CT11~CT14 | Normalization, Quenching, Tempering, Annealing, Carburization |
| Resin Coated Sand Casting (Shell Casting) | | | | 0.66 lbs to 440 lbs | CT8~CT12 | |
| Lost Wax Investment Casting | Water Glass Casting | 3000 | Stainless Steel, Carbon Steel, Alloy Steel, Brass, Aluminium, Duplex Stainless Steel, Cast Iron | 0.1 kg to 50 kg | CT5~CT9 | |
| | | | | 0.22 lbs to 110 lbs | | |
| | Silica Sol Casting | 1000 | | 0.05 kg to 50 kg | CT4~CT6 | |
| | | | | 0.11 lbs to 110 lbs | | |
| Lost Foam Casting | | 4000 | Gray Iron, Ductile Iron, Alloy, Carbon Steel, Stainless Steel, Brass, Al | 10 kg to 300 kg | CT8~CT12 | |
| | | | | 22 lbs to 660 lbs | | |
| Vacuum Casting | | 3000 | Gray Iron, Ductile Iron, Alloy Steel, Carbon Steel, Stainless Steel | 10 kg to 300 kg | CT8~CT12 | |
| | | | | 22 lbs to 660 lbs | | |
| High Pressure Die Casting | | 500 | Aluminium Alloys, Zinc Alloys | 0.1 kg to 50 kg | CT4~CT7 | |
| | | | | 0.22 lbs to 110 lbs | | |