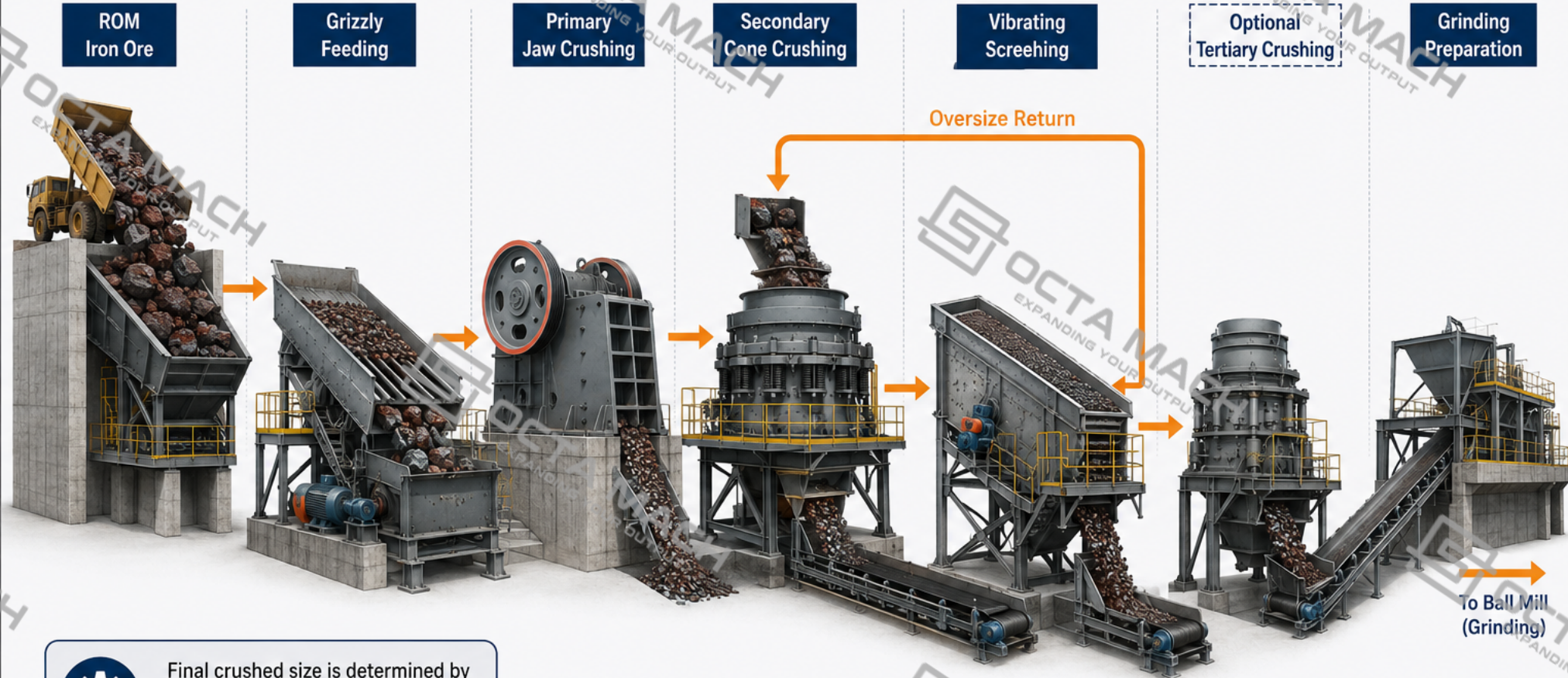


Iron Ore Crushing Process Overview



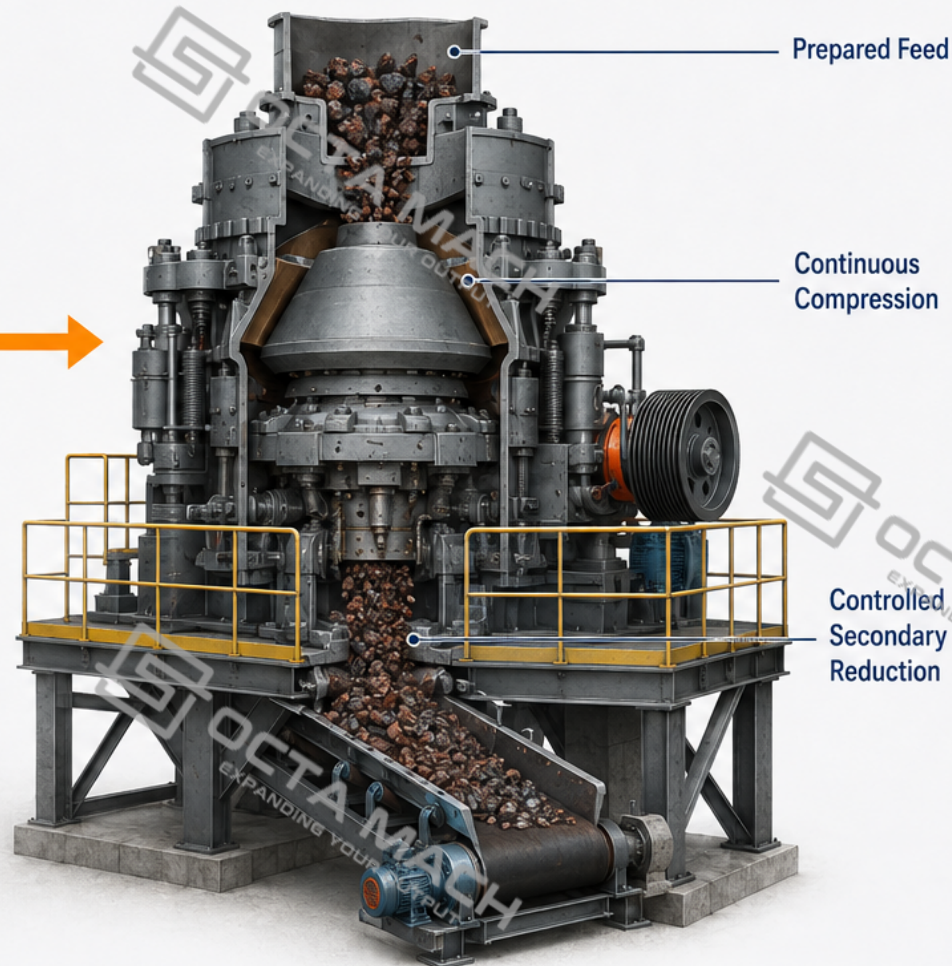
Final crushed size is determined by downstream grinding and mineral-liberation requirements.

Primary and Secondary Iron Ore Crushing

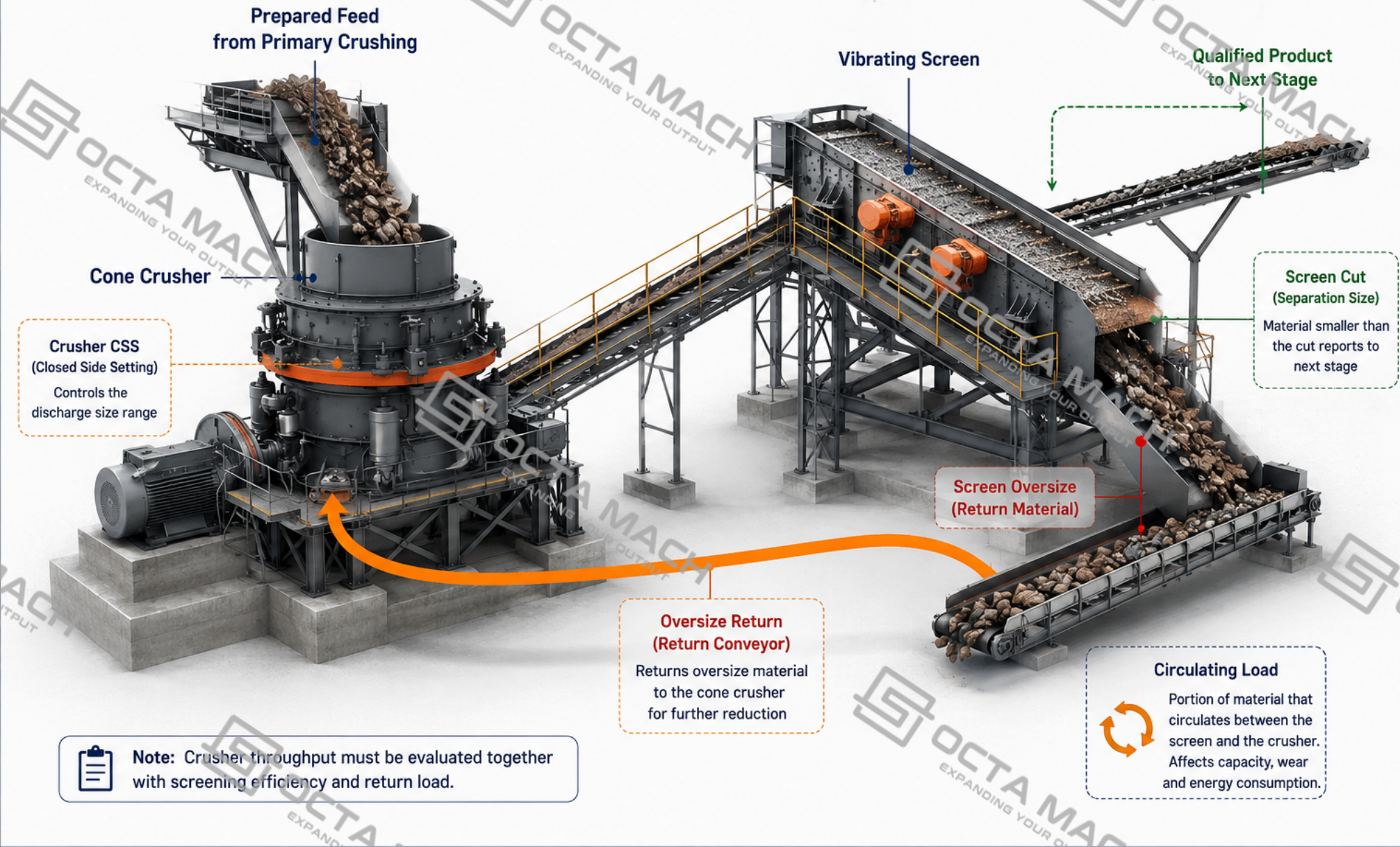
Primary Jaw Crusher



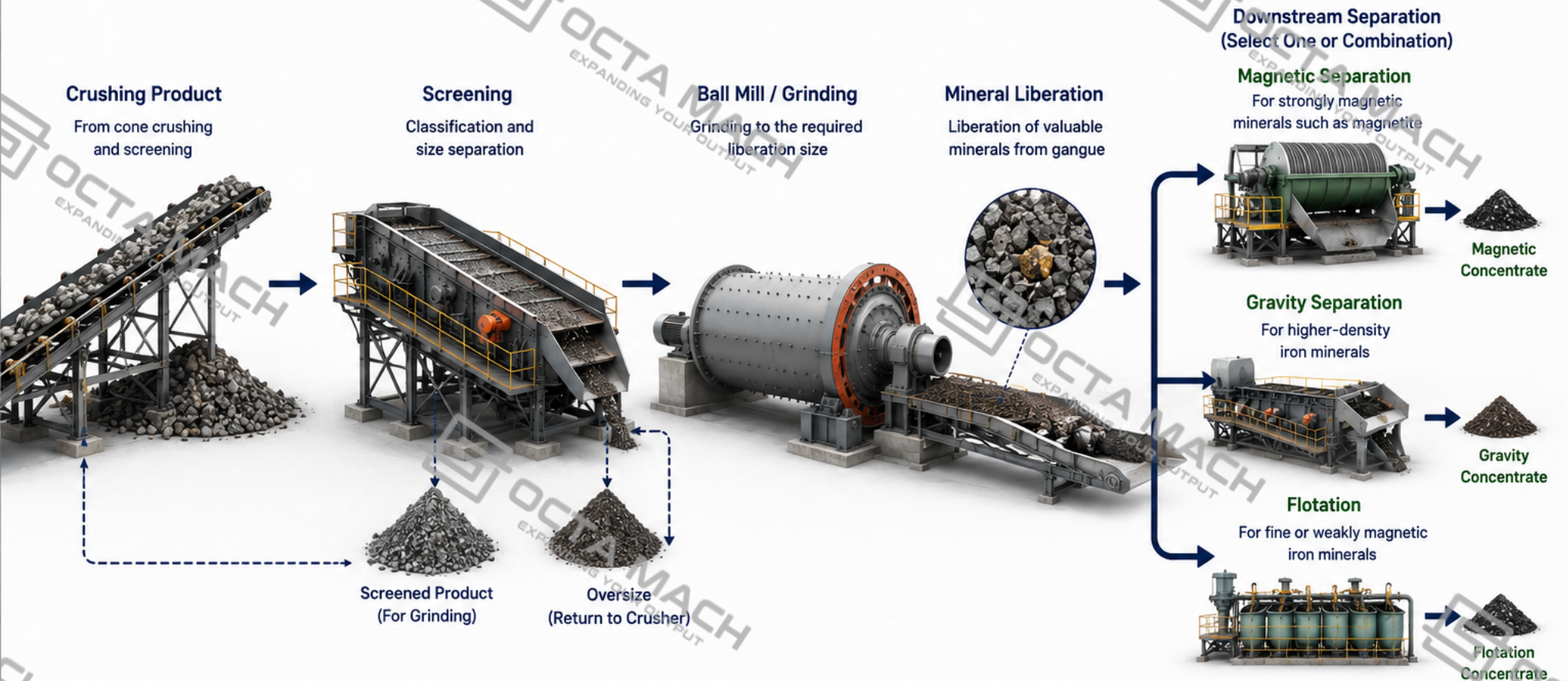
Secondary Cone Crusher



Closed-Circuit Crushing and Screening



From Crushing to Grinding and Beneficiation



Note: The downstream route is selected according to mineralogy, gangue composition and liberation requirements. Different deposits may require different separation methods or a combination of processes.

Example Ore Types and Typical Separation Preference (Indicative)



Magnetite Ore
Typically suited to magnetic separation



Hematite Ore
May require gravity, magnetic or flotation based on liberation and gangue



Limonite / Mixed Ore
Often requires flotation or combined processes due to fine particles and complex gangue



Final product grade, recovery and process flow depend on ore characteristics, test results and project requirements. Metallurgical testing is recommended before finalizing the processing route.