

Complex Ψ equipment for separation and enrichment of hard ore and non-metallic minerals, technogenic and secondary raw materials containing at least one mixing and flotation tank open type of drive and spiral screw or screw with fragments spiral, upper and lower fasting-flush windows, combined with vibrating and and supply system for mixing and flotation tank incoming raw materials supply system for mixing and flotation tank and water screens. Mixing and flotation tank installed with a slope of 1 'to 80 ° to the bearing surface by known mechanisms of regulation of position in the case mixing and flotation tank openings for supplying compressed air through a pipe connected to the compressor, and the housing zmishuvalno- flotation tank is mounted at least one sensor density, linked to an automated system.