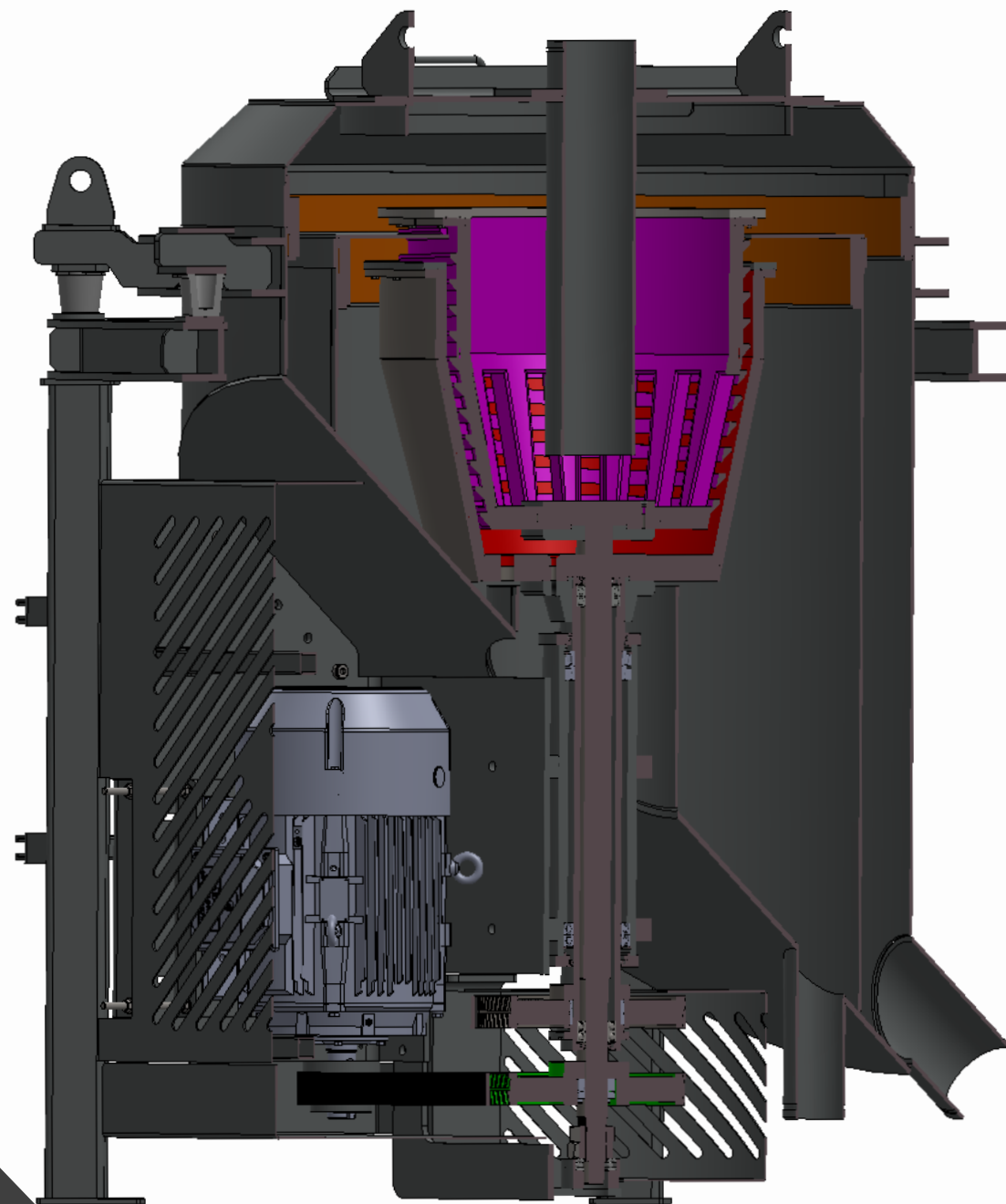


HIYIELD CENTRIFUGAL GRAVITY CONCENTRATOR



RECOVERY APPLICATIONS –
CRITICAL MINERAL FINES AND SLIMES

INDUSTRIAL METALS: **TIN, TUNGSTEN, TANTALUM**
INDUSTRIAL MINERALS: **ILMENITE, RUTILE, MONAZITE**
PRECIOUS METALS: **SILVER, GOLD**
BASE METALS: **LEAD, ZINC, COPPER**

THE NEXT GENERATION OF G-FORCE ENABLED CRITICAL
MINERAL RECOVERY

PATENT PENDING



www.higrade.tech

HY-4 LAB

- ☐ 4" TWIN BOWL
- ☐ 1 HP VFD DRIVE MOTORS
- ☐ AGITATED RECIRCULATION TANK
- ☐ REPEATABLE TESTWORK ON 10KG SAMPLES

HY-24

- ☐ 24" TWIN BOWL
- ☐ 30 HP VFD DRIVE MOTORS
- ☐ 10 - 50 T/H NOMINAL FEED RATE
- ☐ TWIN BOWL DESIGN ADOPTS PROVEN DECANter CENTRIFUGE SCROLL DISCHARGE MECHANISM
- ☐ WEAR RESISTANT BOWL AND SCROLL CONSTRUCTION FOR MINING SLURRIES
- ☐ SIMPLE & ROBUST MECHATRONICS
PRIMARILY VFD CONTROLLED
NO WATER INJECTION
NO AIR OPERATED THROTTLING VALVES
NO COMPLEX AUTOMATION CONTROLLERS
- ☐ TYPICALLY EMPLOYED IN ROUGHER / SCAVENGER DUTY ON STREAMS TOO FINE FOR TRADITIONAL SPIRAL OR TABLING CIRCUITS
- ☐ 50 – 100 G-FORCE
- ☐ 10 – 100 MICRON TARGET MINERALS
- ☐ 1 - 5 HZ DIFFERENTIAL TWIN BOWL SPEED
PROPORTIONAL TO 1% – 50% CONC MASS YIELD

