

KCA MODEL 150 CARBON ADR PLANT



**MODEL 150 CARBON ADSORPTION-DESORPTION-RECOVERY PLANT.
650 US GPM (150 CU M/HR)
FOR PROCESSING 3000-4500 TONNES OF GOLD/SILVER ORE PER DAY.**

**INCLUDES: PUMPS, DORE FURNACE
AND ALL ACCESSORIES FOR
PRODUCTION OF GOLD/SILVER BULLION.**

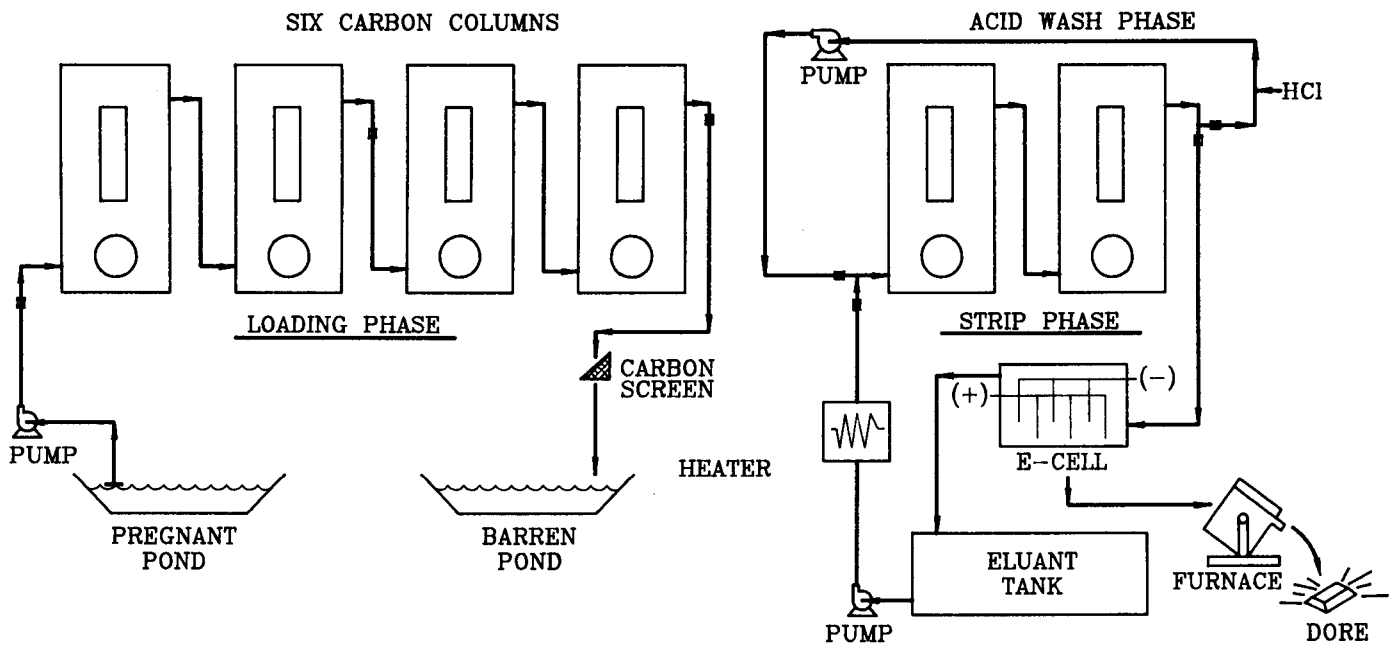
**A HISTORY OF PROVEN PERFORMANCE
AT SITES THROUGHOUT THE WORLD.**

OTHER STANDARD SIZES AVAILABLE TO FIT YOUR PROJECT NEEDS.

- **FULLY MODULAR
FOR RAPID
INSTALLATION
AT REMOTE SITES**
- **EASILY MOVEABLE**
- **HIGH RESALE VALUE**



KCA Kappes, Cassiday & Associates



KCA MODEL 150 CARBON ADR PLANT

BASIC CONFIGURATION:

- TWO 40-FT SKIDS
- ONE 20-FT CONTAINER
- TWO STAND-ALONE TANKS AND A SEPARATELY MOUNTED FURNACE
- PREGNANT AND BARREN POND PUMPS AND FITTINGS

SKID #1

- FOUR ADSORPTION/STRIPPING COLUMNS
- (2 TONS CARBON/COLUMN)

20-FT CONTAINER

- KCA HIGH CAPACITY ELECTROLYTIC CELL
- CELL HOOD WITH EXHAUST FAN
- SINK AND COUNTER
- 8 CU FT. (0.23 CU M) COMBINATION-LOCK SAFE
- LIGHTS, VENTILATION
- STEEL MESH SECURITY ENTRANCE GATE

SKID #2

- TWO ADSORPTION/STRIPPING COLUMNS
- ACID MIX TANK
- ACID WASH PUMP
- ELECTRICAL CONTROL PANEL

SEPARATE ITEMS

- 4000 GALLON INSULATED STRIP SOLUTION STORAGE TANK
- GAS, DIESEL OR ELECTRIC-POWERED SOLUTION HEATER
- 500 GALLON CHEMICAL ADDITION TANK AND PUMP
- STRIP SOLUTION PUMP
- KCA #225 GAS OR DIESEL FIRED TILTING POT FURNACE
- POURING MOLDS AND FURNACE ACCESSORIES

KEY FEATURES:

- HIGHEST TURNUP/TURNDOWN RATIO FOR SOLUTION PROCESS RATE.
- LOWEST CARBON ABRASION OF ANY CIC CIRCUIT.
- OPERATION IS FAILSAFE REGARDLESS OF OPERATOR ERROR.
- RAPID SHIPPING AND SETUP TIMES.

SPECIFICATIONS:

SOLUTION PROCESS RATE:

NOMINAL:

650 US GPM (150 CU M/HR)

EFFICIENT OPERATING RANGE:

400-800 US GPM

GOLD RECOVERY PER CYCLE:

95%+ WHEN PROCESSING SOLUTION
ASSAYING 0.5 TO 3.0 PPM GOLD

CARBON STRIPPED PER CYCLE:

8000 POUNDS

GOLD RECOVERED PER CYCLE:

600 OUNCES (19 KG)

MAXIMUM NUMBER OF STRIP CYCLES:

ONCE EACH 24 HOURS.

Kappes, Cassidy & Associates