HISTORY OF CONSTRUCTION EQUIPMENT

THE ORIGINAL EARTHMOVER

THE OTIS-TYPE SHOVEL
1914 – PANAMA CANAL OPENS

EARLY ADAMS GRADER
c. 1913 – HOLT 30

1914 – PEORIA-BUILT HOLT 30

BEST 60 - 1919
1925

HOLT AND BEST MERGE

CABLE CONTROL, DOZER AND RIPPER

LETOURNEAU CARRYALL SCRAPER
CATERPILLAR AUTO PATROL – 8.2 t. - 60 HP

PREPRODUCTION CAT 60 DIESEL TRACTOR

NEW PARADIGMS FROM THE EARLY ’30S
THE INTEGRAL MOTOR GRADER
DIESEL POWER
YELLOW PAINT
HOUGH HF PAYLOADER – 3/4 C.Y.

1948 - EUCLID FDT SCRAPER

1951 – CAT DW21
1914 -- ERIE FULL REVOLVING SHOVEL

1954 – DEMAG HYDRAULIC EXCAVATOR

THE THREE LOADING TOOLS

THE TRACK-TYPE LOADER
THE WHEEL LOADER
THE HYDRAULIC EXCAVATOR
1953

LETOURNEAU SELLS TO WEST-AIRBRAKE

GM ACQUIRES EUCLID

EUCLID DIV. OF GM -- TS18/TC12

TC-12 PUSHLOADING S-18
1958 - LETOURNEAU-WESTINGHOUSE HAULPAK

MID-1950S
BASIC TYPES OF MACHINES ARE COMPLETE

- TRACK-TYPE TRACTOR
- TRACK-TYPE LOADER
- HYDR. EXCAVATOR
- WHEEL TRACTOR-SCRAPER
- WHEEL LOADER
- MOTOR GRADER
- OFF HIGHWAY TRUCK
- BOTTOM DUMP WAGON

AN IMPORTANT DERIVATIVE;
THE 1957 CASE BACKHOE LOADER
1966 VOLVO-BM DR631 DUMPER

CONSTRUCTION EQUIPMENT INDUSTRY MATURES

- 1950s THROUGH 1970s – BOOM TIMES, EMPHASIS ON LARGER EQUIPMENT
- 1980s ONWARD – SHIFT TO URBAN WORK, EMPHASIS ON SMALL TO MID-SIZE MACHINES, ENHANCED EASE OF OPERATION, SAFETY, REDUCED NOISE, EMISSIONS