

MAJOR CRANE TYPES

TERM PROJECT

Construction Equipment & Methods

CEM 530



Instructor

Dr. ABDULAZIZ BUBSHAIT

By

MOHAMMED JALALUDDIN SHAH

ID # 980194

TERM 991

King Fahd University of Petroleum and Minerals

DHAHRAN, SAUDI ARABIA

MAJOR CRANES TYPES

The construction industry employs different crane types. Cranes are available in a myriad of types and sizes, and no one particular crane is the only correct choice for a specific job. Tower cranes are used extensively on High Rise building sites and are particularly useful in vertical and Horizontal Transportation. Material Transportation for High rise Building construction relies heavily on Tower cranes. Hence Proper use of cranes is of paramount importance for building construction.

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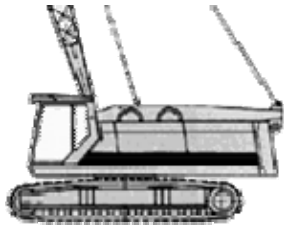
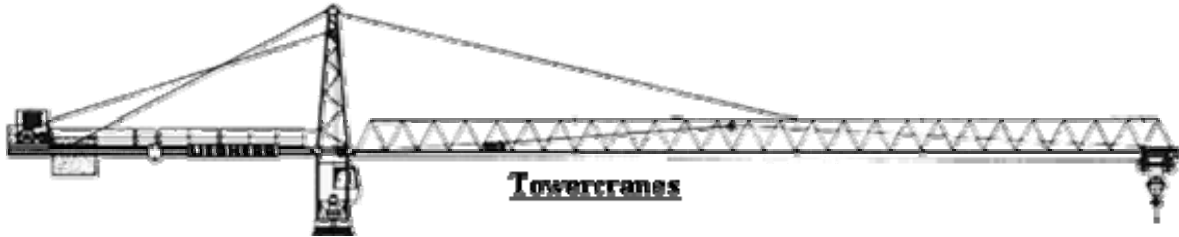
- 3.MOBLE CRANES**

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DIFFERENT TYPES OF CRANES

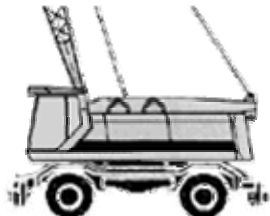
CRANE TYPES



Crawler cranes



Telescope crawler cranes

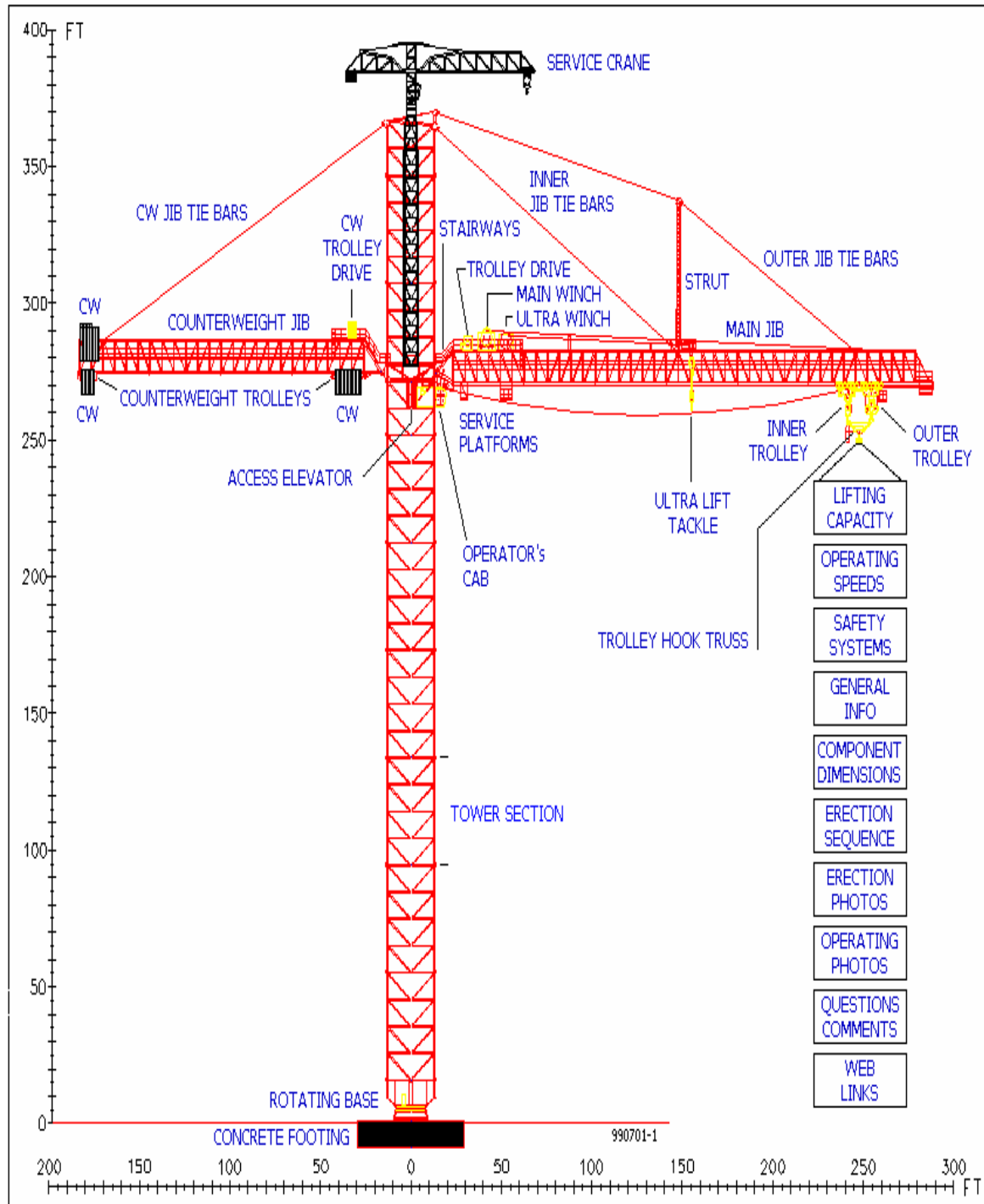


Mobile cranes

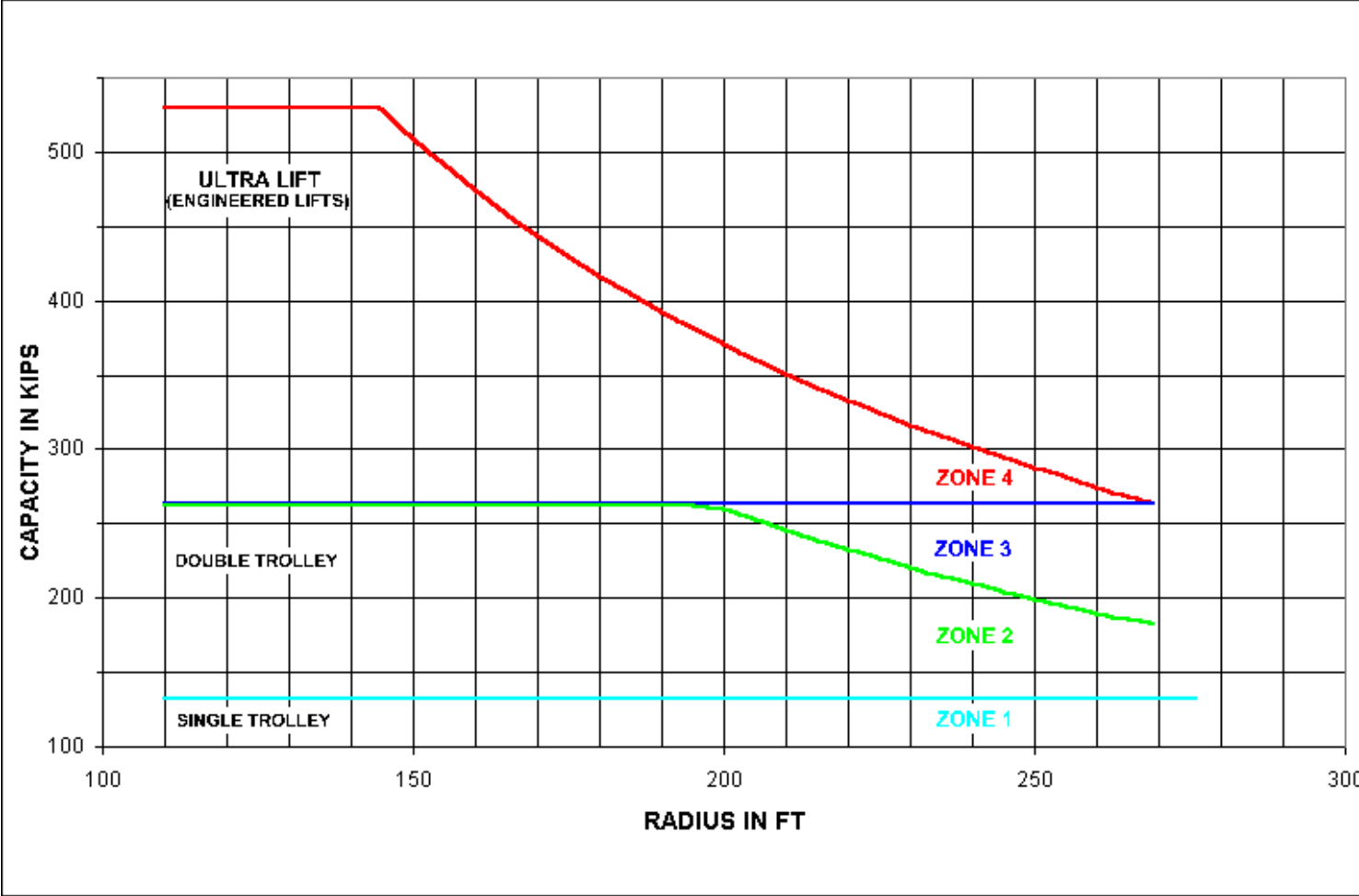


Telescope wheel cranes

TYPICAL TOWER CRANE



K-10000 tower crane, STD LIFTING CAPACITY Load Curves - U.S.



1 KIP = 1,000 POUNDS

TOWER CRANE CAPACITIES, AT LEAST FOR EUROPEAN TOWER CRANES, ARE NET HOOK CAPACITIES. DEDUCTION FOR HOISTING BLOCKS AND HOOKS IS MADE IN ALL PUBLISHED CAPACITY CHARTS.

OPERATION PHOTOS



