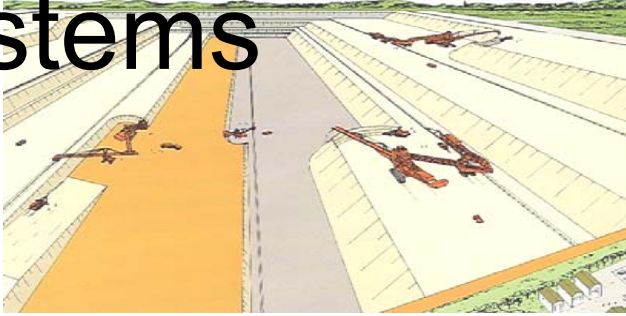




Business Unit Mining

Systems



Machines



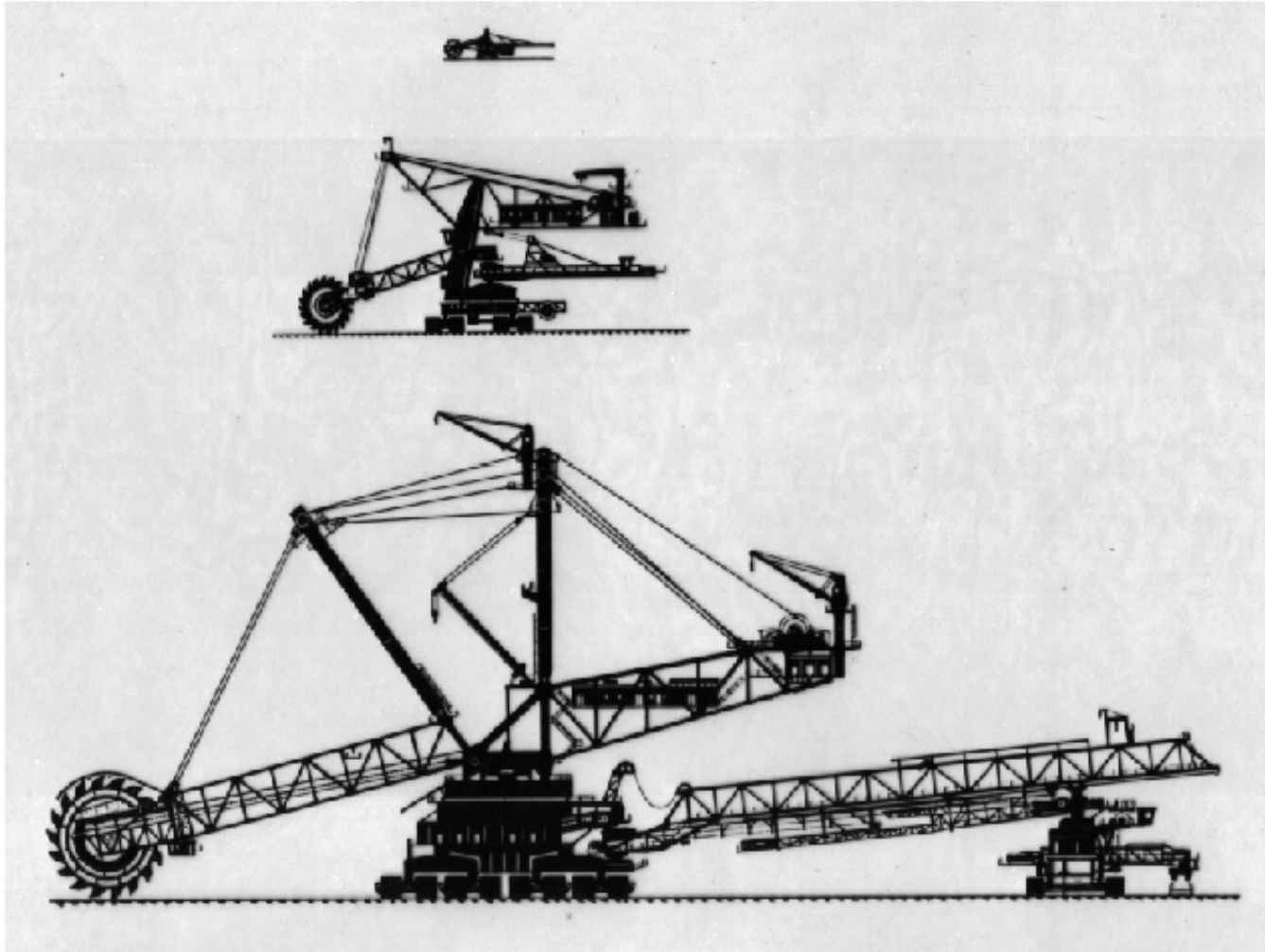
Services



Bucketwheel Excavators



Types and Scale of BWE



BWE Main Data

Main data of different BWE types

	Compact BWE	C-frame BWE	Large BWE
Bucketwheel boom length	6 - 25 m	20 - 60 m	40 - 80 m
Effect. capacity	100 - 3.000 fm ³ /h	1.500 - 4.500 fm ³ /h	4.000 -12.500 fm ³ /h
Weight	50 - 1.500 t	1.00 - 5.000 t	4.000 - 13.000 t



Bucketwheel Excavators



Bucketwheel Excavators



**RHEINBRAUN GERMANY
BWE 240.000 m³/day**

Bucketwheel Excavators



SECV AUSTRALIA
BWE at 50,000 m³/ day



ThyssenKrupp

A Company
of ThyssenKrupp
Technologies

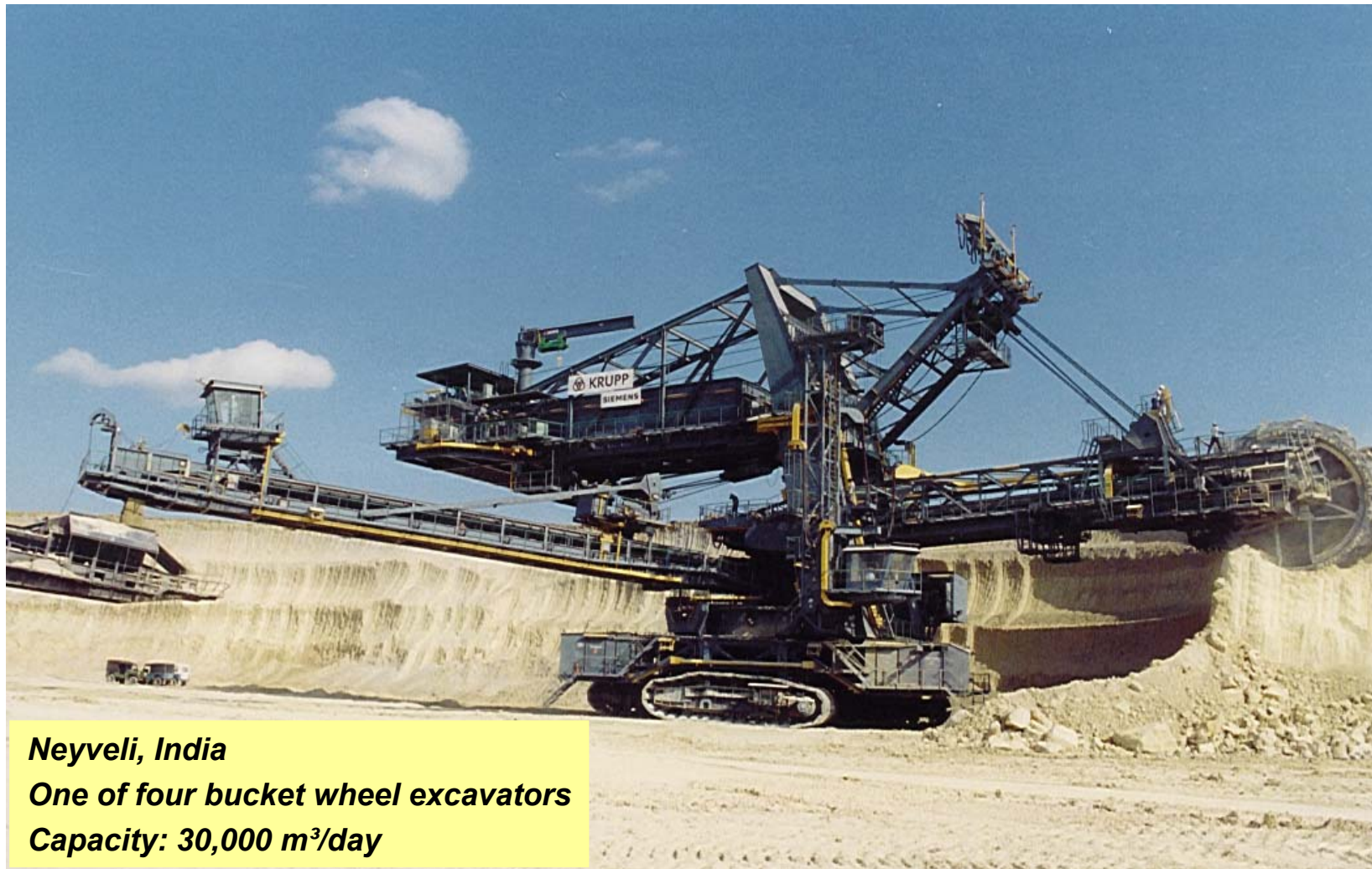
ThyssenKrupp Fördertechnik

Bucketwheel Excavators



SECV AUSTRALIA
BWE at 60,000 m³/ day

Bucketwheel Excavators

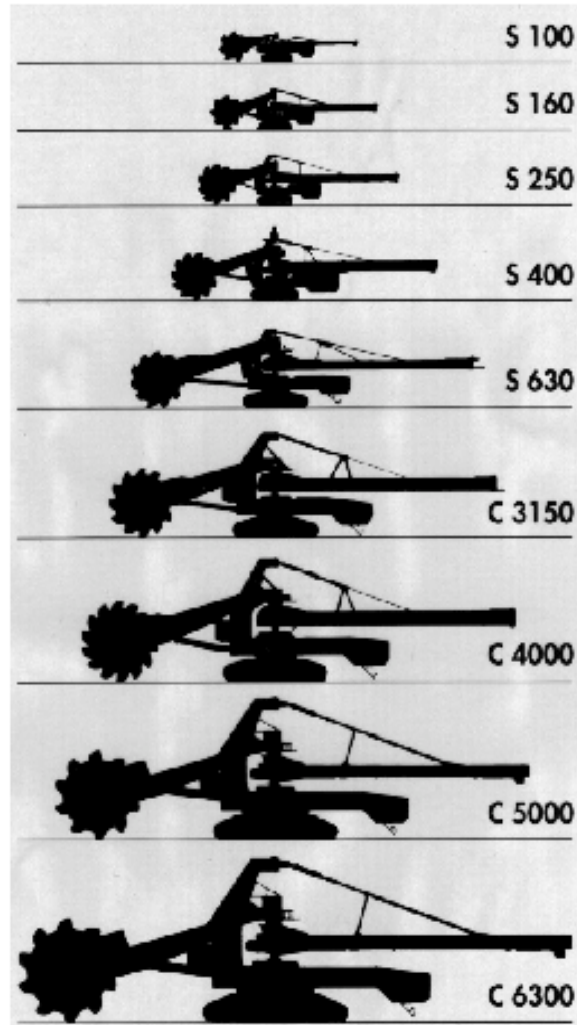


Neyveli, India

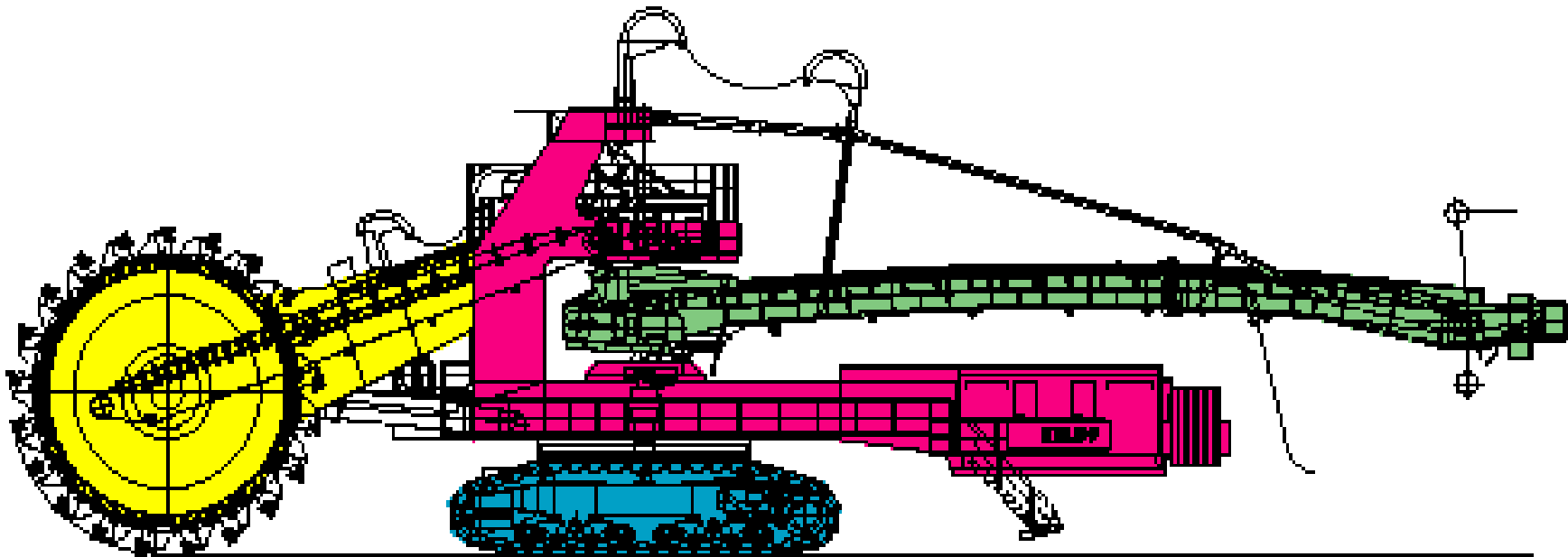
One of four bucket wheel excavators

Capacity: 30,000 m³/day

Range of Compact BWE



Compact BWE Assembly Groups



Bucketwheel Excavators



Compact BWE for semi hard material

Bucketwheel Excavators



BAN PU / EGAT THAILAND
Compact BWE 4,500 m³/hour

Standard BWE and Cross Pit Conveyor Bridge



Diamond sand excavation

Bucketwheel Excavators



Bucketwheel Excavators



Bucketwheel Excavators



Zhungeer, China
Compact Bucket Wheel Excavator System
Capacity: 3100 m³/h

BWE- MTC-Hopper-Cablereel car-conveyor



Standard BWE and Spreader with onboard Screening Plant



*Great Manmade River, Libya,
mobile screen plant*

Bucketwheel Excavators



*Compact BWE for semi hard material
with narrow bucket spacing*

NOV 3 '93

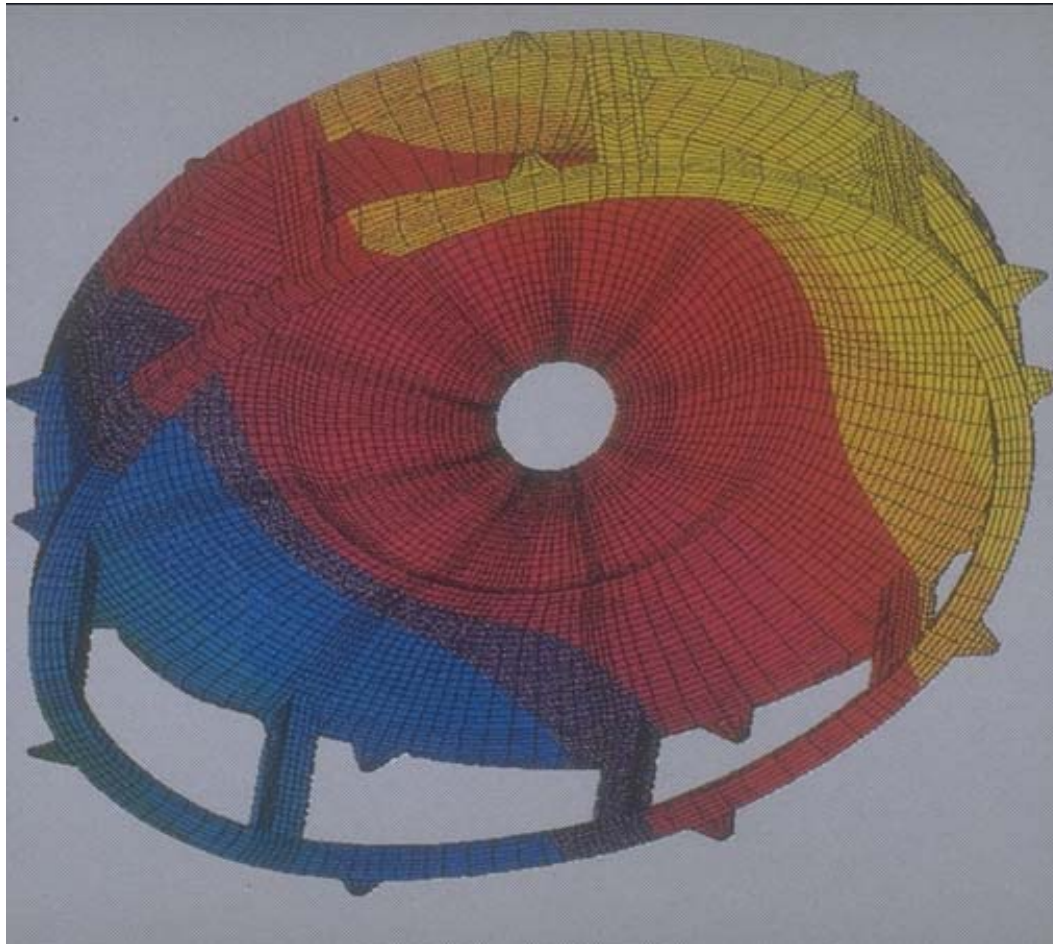
Bucketwheel Excavators



*Compact BWE for semi hard material
with discharge chains*



FEM Design of Bucket Wheel



Bucketwheel with integrated buckets

