



Bucket Wheel Excavator SRs 8000

Customer	RWE Power AG (former Rheinbraun AG), Cologne
Plant Location	Open Cast Mine Hambach (Germany)
Scope of work	Turn-key project





Project Figures

Capacity per day:	240,000 bank m ³
Theoretical Capacity:	21,780 to 14,520 lm ³ /h
Cutting height:	51 m
Cutting depth:	17 m
Max. outreach of bucket wheel :	72.2 m
Distance centre of excavator – Centre of discharge pulley:	138.75 m
Bucket wheel diameter:	21.6 m
Bucket wheel drive power:	3 x 1,120 to 1,680 kW
Number of buckets:	18
Nominal bucket volume:	6,600 l
Discharge rate:	72.6 to 48.8 1/min
Average ground pressure:	17.5/17.5 N/cm ³
Belt width:	3.2 m
Length:	502 m
Service weight:	14,200 t

Project Schedule

Commissioning in 1995

Contacts

Tenova TAKRAF
TAKRAF GmbH
Torgauer Straße 336
04347 Leipzig
Germany
phone +49 341 2423 500 - fax +49 341 2423 510
sales@takraf.com