



### Engine

Diesel engine power (CE10007)  
 Engine model ----- Cummins KTA19-C675  
 Rated power/Rated speed ---- 503KW/1800rpm  
 Electro motor power (CED10007)  
 Motor model ----- YJK4003-4  
 Rated power/Rated speed ---- 400KW/1485rpm

### Hydraulic System

Main pump ----- REXROTH  
 Main valve ----- REXROTH  
 Motor ----- REXROTH  
 Main oil circuit flow rate ----- 2x513L/min  
 Main oil circuit pressure ----- 32MPa

### Traveling System

Traveling speed ----- 2.4km/h  
 Grade ability ----- 70%  
 Ground pressure ----- 0.129MPa

### Main Technical Specification

**Operating weight**  
 Face shovel ----- 102000Kg  
 Backhoe ----- 100000Kg  
  
**Standard bucket capacity**  
 Face shovel ----- 6.0m<sup>3</sup>  
 Backhoe ----- 5.0m<sup>3</sup>  
  
**Rang of bucket capacity**  
 Face shovel ----- 5.5 ~ 7.0m<sup>3</sup>  
 Backhoe ----- 3.0 ~ 6.0m<sup>3</sup>  
  
**Stick digging force**  
 Face shovel ----- 515KN  
 Backhoe ----- 370KN  
  
**Bucket digging force**  
 Face shovel ----- 505KN  
 Backhoe ----- 380KN  
  
 Slewing speed ----- 6.1rpm  
 Max. tractive force ----- 756KN  
 Circulating time of operation ----- 21.5s

### Operating Scope

Face shovel	Backhoe
Boom length ----- 5250mm	Boom length ----- 7800mm
Stick length ----- 3500mm	Stick length ----- 3400mm
Max. cutting height ----- 12884mm	Max. cutting height ----- 12613mm
Max. dumping height ----- 7341mm	Max. dumping height ----- 8831mm
Max. digging depth ----- 2646mm	Max. digging depth ----- 7445mm
Max. reach ----- 10818mm	Max. reach ----- 13442mm

