



### Engine

Diesel engine power (CE12507)  
 Engine model ----- Cummins QSK19-C700  
 Rated power/Rated speed ---- 533KW/2100rpm  
 Electro motor power (CED12507)  
 Motor model ----- YJK4004-4  
 Rated power/Rated speed ---- 450KW/1485rpm

### Hydraulic System

Main pump ----- REXROTH  
 Main valve ----- REXROTH  
 Motor ----- REXROTH  
 Main oil circuit flow rate ----- 2x522L/min  
 Main oil circuit pressure ----- 32MPa

### Traveling System

Traveling speed ----- 2.4km/h  
 Grade ability ----- 70%  
 Ground pressure ----- 0.127MPa

### Main Technical Specification

**Operating weight**  
 Face shovel ----- 125000Kg  
 Backhoe ----- 116000Kg  
  
**Standard bucket capacity**  
 Face shovel ----- 6.5m<sup>3</sup>  
 Backhoe ----- 6.5m<sup>3</sup>  
  
**Rang of bucket capacity**  
 Face shovel ----- 6.0 ~ 8.0m<sup>3</sup>  
 Backhoe ----- 3.5 ~ 7.0m<sup>3</sup>  
  
**Stick digging force**  
 Face shovel ----- 523KN  
 Backhoe ----- 416KN  
  
**Bucket digging force**  
 Face shovel ----- 495KN  
 Backhoe ----- 550KN  
  
 Slewing speed ----- 5.8rpm  
 Max. tractive force ----- 735KN  
 Circulating time of operation ----- 22s

### Operating Scope

Face shovel	Backhoe
Boom length ----- 5450mm	Boom length ----- 7800mm
Stick length ----- 3700mm	Stick length ----- 3400mm
Max. cutting height ----- 13164mm	Max. cutting height ----- 12529mm
Max. dumping height ----- 9572mm	Max. dumping height ----- 8958mm
Max. digging depth ----- 3103mm	Max. digging depth ----- 7315mm
Max. reach ----- 11299mm	Max. reach ----- 13405mm

