

# GENERAL SPECIFICATIONS

## RAWCODRILL MODEL

	CB7-2	CB9-2	CB11-2
Rotary head torque (tonne metre)	4	6	8
Rotation speed at full torque (rpm)	844	643	296
Rotation speed at half torque (rpm)	0-15	0-10	0-10
Main winch pull (tonne)	0-30	0-20	0-20
Maximum pull on rotary head (tonne)	4	6	8
	16	24	32

The above figures may vary according to the hydraulic characteristics of the base machine chosen.

## OPERATING DIMENSIONS AND WEIGHTS

Mast height—ground level to underside of cathead (metre)	17.3	20.26	24
Maximum width (metre)	2.86	3.30	3.30
Maximum forward rake (degrees)	4	4	4
Maximum backward rake (degrees)	8	8	8
Maximum sideways rake (degrees)	4	4	4
Approx. weight of drill less auger (tonne)	20	34	35
*Max. drilling dia. to full depth (mm)	450	600	750
Max. drilling depth (metre)	15.50	<del>18.50</del> 20.5	22

\*Larger diameter possible dependent upon soil conditions.

## TRANSPORT DIMENSIONS AND WEIGHTS

Overall height (metre)	3.15	3.46	3.30
Overall width (metre)	2.86	3.30	3.30
Overall length (metre)	10.70	13.66	16.50
Approximate weight (tonne)	20	34	35

## RAWCODRILL COMPRISES THE FOLLOWING

- Main mast, folding in three sections
- Cat head with sheaves for main winch and service winch
- Mast foot section with hydraulic foot pads
- Main erection cylinder
- Hydraulic cylinder on mast to give forward and backward rake adjustment
- Main winch with rope
- Service winch with rope
- Rotary head complete with guides including plastic wear pads, hollow stem, goose neck and swivel
- Two rear raking legs with one hydraulic ram for side adjustment
- 'A' frame on excavator for rear raking legs
- Mast support boom
- Flexible hydraulic hoses from excavator to rotary head
- Hydraulic controls for drilling functions fitted in excavator cab
- Auger guide
- Hydraulic excavator of suitable capacity

## OPTIONS

- Computerised monitoring instrumentation
- Model 1H1 hydraulic vibrator for installing reinforcing cages. This can be supplied with separate power pack or can be operated from the hydraulic system of the drilling unit
- Auger cleaner

CB9-2 Wt of Machine only 35.5 tons

Foot area = 50.41 sqft

Load per sqft = 0.66 tons

or 10.32 lbs per sqft