



ब्रह्मपुत्र क्रेकर और पालीमेर लिमिटेड

(भारत सरकार का उपक्रम)

Brahmaputra Cracker and Polymer Ltd.

(A Government of India Enterprise)

SECTION – VI

TECHNICAL SPECIFICATION



Type of vehicle	: Pick and carry hydraulic mobile crane (Farana)
Maximum lifting Capacity	: 20 T
Maximum height of lift	: 19 mtr (minimum) without fly jib
Engine rating	: CEV Stage IV / equivalent (minimum) water cooled turbo charged with electronic control unit
Engine rated power	: minimum 100 HP
Drive	: 4 Wheel drive
Clutch	: Single, dry friction type hydraulic clutch
Maximum speed/Top speed	: 40 km/Hr (+/- 5 % deviation)
Creep speed	: 1.3 km/hr
Steering	: Full power orbital with twin hydraulic double acting cylinders and 40 deg articulation on either side.
Tyre	: As per manufacturer standard, Total no of tyre : 08
Brake	: Service brake: Fully pneumatic brakes on front and rear wheel Parking brake: Pneumatic fail safe brake
Transmission	: Synchromesh gearbox. Auxiliary gearbox for high/low
Axles	: Front axle is rigidly mounted on the chassis Rear axle mounted on leaf spring
Telescopic Boom	: 4 parts boom. (3 parts hydraulically operated and synchronised, 4 th part: power extended)
Outriggers	: Front out riggers
Turning radius	: 8 mtr (maximum)
Standard accessories	: As per OEM product leaflet
Optional Accessories	: Fly jib, Fire extinguisher, Safe load indicator