ACE F350

100% Swadeshi

Nextgen Hydraulic Crane
Capacity : 35 tonnes

Rough terrain and rugged, 4x4
articulated NextGen pick 'n' move crane

ACE INDIA'S NO. 1 CRANE BRAND

- CEV stage IV engine
- Heavy duty drive line
- Optimized kinematics
- Optimized Center of gravity
- Fail safe air brakes
- Improved creep speed

BEST IN CLASS STABILITY
Full rated lifting capacity available in articulated / steered condition

Specifications F350

LIFTING CAPACITY	35 Tonnes
ENGINE	Ashok leyland (CEV BSIV), 4 cylinder water cooled diesel engine, model H4C413022 with Electronic Control Unit (ECU)
Rated Power	130 HP (95 kw) at 2200 RPM
TRANSMISSION	Heavy Duty Synchromesh with 12 Forward and 2 reverse speeds. Auxiliary Gear Box with 2WD-High / 4WD-Low selector.
Axles	Front and Rear drive axles are mounted on chassis.
Drive	4 Wheel drive.
Clutch	Heavy duty, single, dry friction type hydraulic clutch.
Creep Speed	1.6 KMPH
Top Speed	39 KMPH on even metalled Road (without load)
Gradeability	40 % (unladen)
BRAKES	• Dual Circuit Brakes • Fully Pneumatic brakes on front and rear wheels. • Parking brake is pneumatically operated, fail safe type
STEERING	Full power orbitrol with twin hydraulic double acting cylinders and 40° articulation on either side
Turning Radius	9.0 Mtrs. on outer rear wheels.
TELESCOPIC BOOM	4 part non slotted boom, fully hydraulically operated & synchronized
HOIST	4.6 Tonnes Line Pull Winch is driven by hydraulic motor and fitted with rope tensioner. Hoisting is provided through self adjusting hook block employing 6 falls of 13mm dia. Rope.
Hoist Speed	50 Mtrs./Min (Line Speed)
ELECTRICAL SYSTEM	12v, Negative Earth (100 AH Battery)
TYRES	
Front	14.00x25-28 PR (4 NOS.)
Rear	14.00x25-20 PR (4 NOS.)
Wheel Base	5300 mm
Wheel Track	1980 mm

HYDRAULIC SYSTEM	• Gear/Type Tandem Pump • Five spools control valve with built in Relief Valve (Heavy duty) • Suction line has 100 mesh size strainer while return line is fitted with 20 micron glass fibre filter. • Two double acting lift cylinders, two double acting steering cylinders and one double acting extension cylinder.
SAFETY	• Hose failure protection • Audio over hoisting Indication • Safety brakes on hoist • Self-adjusting hook block • Front and rear wheel guards
STANDARD EQUIPMENT	• ROPS fully enclosed wide view cabin • Front work lights • Reflectors and rear view mirror • Tool kit • Cabin fan • Wiper motor • Instrument Cluster :- a) Fuel level gauge b) Air pressure gauge c) Oil pressure gauge d) Coolant temp e) Engine RPM f) Speedometer g) Odo meter h) Engine Hour Recorder I) Fault Detector Codes (P-Codes) • Rear view camera • Front Outriggers • Beacon Rotating Light
OPTIONAL EQUIPMENT	• Fly jib (1.25 Tonnes Max. Capacity) • Safe load indicator/ LMI • Over Hoist hydraulic cutoff • Fire extinguisher • Cabin Front Glass Protector • Helper / Slinger Seat • Front & Side Proximity Sensor • 3 Part Boom (11.5 mtrs. Height) • Man Basket Attachment • Fork Attachment • Ram Attachment
OPERATING WEIGHT	27450 Kgs.

ACE

ROPS CABIN
Front mounted, ergonomically designed Cabin for better visibility and driveability.

ECU
Electronic control unit for better fuel economy and diagnostic trouble shooting

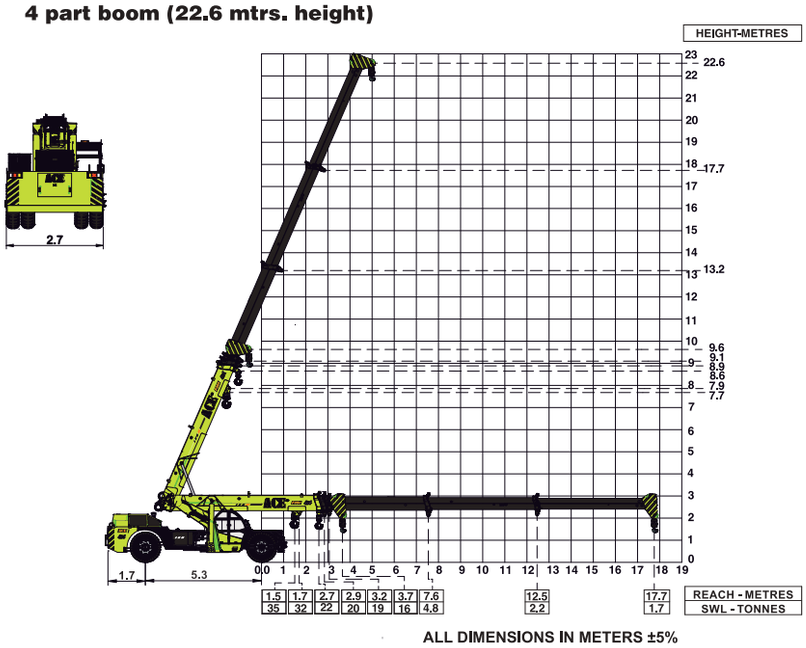
ENGINE
Ashok leyland (CEV BSIV), 4 cylinder water cooled diesel engine, model H4C413022 with Electronic Control Unit (ECU)

LIFT CYLINDERS
Heavy duty lift cylinders ensure better lifting capacities

OUTRIGGERS
Front Outriggers for added safety during high lift operations.

GROUND CLEARANCE
Ground clearance of 350mm for easier rough terrain operation.

ACE F350 Model Crane fitted with 4 part boom (22.6 mtrs. height)



ALL DIMENSIONS IN METERS ±5%

NOTE: • SWL ARE BASED ON 85% STABILITY & STRENGTH

OPTIMIZED KINEMATICS AND LOW C.G.
F350 crane has been designed for operational safety with low Center of Gravity (C.G.) providing best in class stability

STEERING WHEEL & CONTROLS
Ergonomically placed operator console and instrument cluster ensures ease of operation.

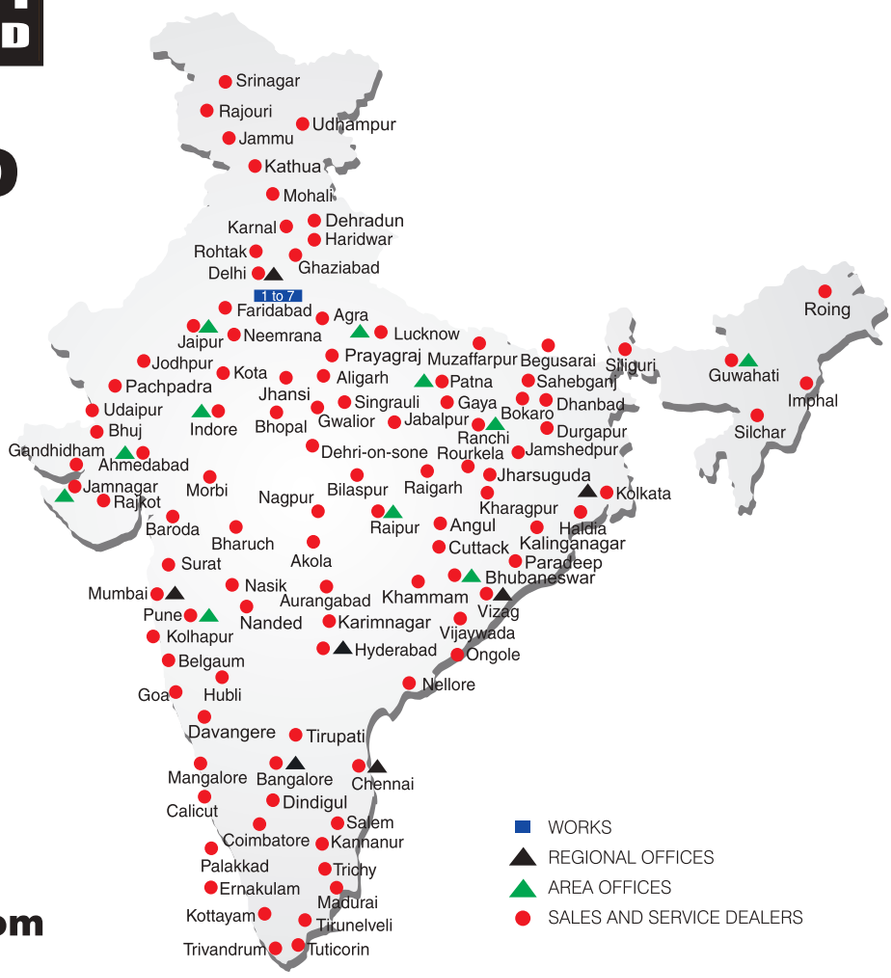
ELECTRONIC CLUSTER
Digital Electronic Cluster with advanced features.

BUILT TO PERFORM

ACE INDIA'S NO.1 CRANE BRAND

RELIABLE AND DEPENDABLE EFFICIENCY

NETWORK



Toll Free Help Line
1800 1800 004

www.ace-cranes.com

MARKETING H.Q.
4th Floor, Pinnacle
Surajkund, NCR-121009
Ph. : +91-129-4550000
Fax : +91-129-4550022
E-mail: marketing@ace-cranes.com

REGISTERED OFFICE
Dudhola Link Road, Dudhola
Palwal-121102, Haryana
Ph.: +91-1275-280111
Fax: +91-1275-280133
CIN : L74899HR1995PLC053860

MUMBAI OFFICE
31, "Kalpataru Court"
Chembur, Mumbai - 400074
Ph.: +91-22-25206846, 25207070
Fax: +91-22-25207071
E-mail: acemumbai@ace-cranes.com

KOLKATA OFFICE
84A, AJC Bose Road, Fomra Tower - 2nd Floor, Kolkata-700014
Ph.: +91-9038070630
E-mail: acekolkata@ace-cranes.com

CHENNAI OFFICE
1st Floor, "Alsa Regency", 165
Eldams Road, Alwar Pet
Chennai - 600018
Ph.: +91-44-24314253
Fax: +91-44-24314252
E-mail: acechennai@ace-cranes.com

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ACE

Action Construction Equipment Ltd.

Contact:

CVI CERTIFIED MANAGEMENT SYSTEM ISO 9001

ACE reserves the right to alter any specifications without prior notice. Dimensions, weights & capacities mentioned herein are variable by ± 5%. Accessories if shown are not part of the Standard Equipment.

F350/06/24