

# HYPAC

FAYAT GROUP

## C530AH

### 11 Ton Pneumatic Tired Compactor



- *Hydrostatic Centerpoint Steering*
- *Low Center of Gravity*
- *No Daily Lubrication*
- *Non-corrosive Water Spray System*
- *Short Inside Turning Radius, 9 Feet*

# HYPAC

## The C530AH - Hydrostatic Drive Deliv



Maintenance free centerpoint articulation joint provides 35° steering angle and 10° frame oscillation



Standard equipped cocoa mats help to clean tires and minimize material pick-up



Dual center facing seats improve operator visibility and enhance jobsite safety

## Applications...



The HYPAC C530AH pneumatic tired roller provides extreme versatility in both soils and asphalt applications. The nine (9), overlapping flexible rubber tires and obtainable high psi (pounds per square inch) compaction force combine to provide vertical pressure with horizontal forces. Oscillation at both the tires and frame(s) provide balanced wheel loads and uniform compaction. The C530AH's hydrostatic, centerpoint steering provides high maneuverability with a short nine (9) foot inside turning radius. This feature, combined with high ground contact pressure, provides optimum compaction on tight curving curblines.

- ➔ Highway Construction and Maintenance
- ➔ Driveways / Parking Lots
- ➔ Chip and Seal
- ➔ Base Compaction

## Achieve Maximum Productivity...

- Overlapping and tracking front / rear tires and centerpoint steering provide full width coverage on turns, resulting in fewer required passes to achieve optimum compaction.
- Operator selected three (3) travel speed ranges provides maximum gradeability in low range, optimum overall performance in intermediate or work range and top production in high range.
- Nine (9) foot inside turning radius, provided by 35° of steering angle articulation, provides close compaction along and near curblines and obstacles.
- Centerjoint oscillation of 10°, assures uniform compaction on uneven, irregular surfaces.
- Dual, center facing seat design positions the operator within easy control reach and offers excellent jobsite visibility.
- Optional heat retention shields help to maintain high tire temperatures, minimizing asphalt pickup and resultant damage to the rolling surface.
- Standard, pressurized non-corrosive waterspray system with interval spray timer, provides efficient water usage, extending time between tank refills.
- The hydrostatic transmission design with low speed, high torque wheel motors provides fuel efficiency with optimized gradeability and travel performance.

# ers Smooth, Controlled Speed & Directional Changes...



Maintenance and service checkpoints are easily reached from ground level



Wide, swing open doors provide quick and easy component access

# Maintenance and Safety

- Controlled, high maneuverability is provided through hydrostatic steering and an operator familiar, automotive type steering wheel design.
- Brakes automatically apply when engine is shut down or with loss of transmission system hydraulic pressure.
- Ballast compartments are strategically located, providing a low center of gravity, excellent operational stability and uniform weight distribution.
- FOPS/ROPS with seat belts is standard, providing improved operator safety.
- Optional turn signals and 4-way flashers further enhance operational safety.
- Emergency / parking brakes are an integral part of the hydrostatic travel motor design. SAHR (Spring Applied / Hydraulically Released) brakes are maintenance free.
- Wide opening, "gull wing" type engine doors provide easy access for servicing.
- Maintenance and service checkpoints are accessible from the ground.
- Centerpoint, oscillation / articulation centerjoint is of heavy duty design and construction to provide long life.
- Steering cylinder(s) and centerjoint bushings are self-lubricating and maintenance free.
- Frame construction is of heavy steel welded construction to provide long life, durability and maximum strength.

## Standard Equipment

- Hydrostatic transmission
- Cummins 4B3.3TA diesel engine
- Nine 7.50 x 15, 12 ply tires
- Fuel gauge
- Horn
- Hydrostatic, center articulated steering with  $\pm 10^\circ$  frame oscillation
- Rear wheel oscillation:
  - $\pm 4^\circ$  outside
  - $\pm 5^\circ$  center
- Spring-Applied, Hydraulically-Released (SAHR) brakes
- 150 gallon polyethylene water tank
- Pressurized water spray system
- Roll-Over, Falling-Object Protective Structure (ROPS/FOPS) and seat belts

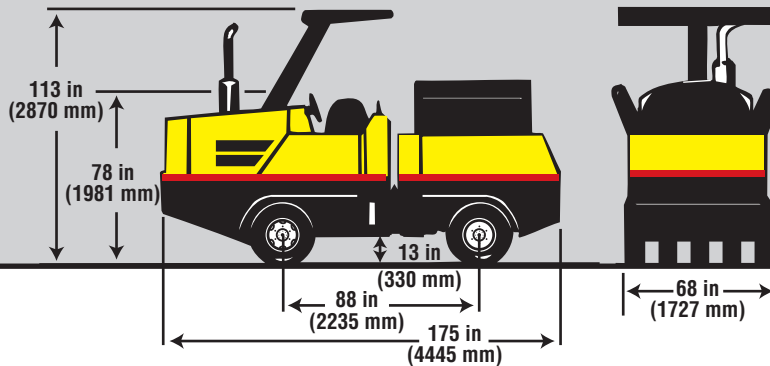
## Optional Equipment

- Headlights (front and rear)
- Turn signals and 4-way flashers
- Heat retention shields
- Special paint, 1 color (Enamel only)
- 14 Ply Tires

Wheel Loads lbs	TIRE INFLATION PRESSURE P.S.I.		GROUND CONTACT PRESSURE P.S.I.						
	Ballast Front	Combinations Rear	12 Ply tire pressure			Opt 14 Ply Radial tire pressure			
			45	75	100	45	75	100	130
1,500 (680 kg)	0	4,500 (2,041 kg)	46	49	55	32	46	61	81
2,000 (907 kg)	2,000 (907 kg)	7,000 (3,175 kg)	53	63	77	40	57	72	99
3,000 (1,360 kg)	6,000 (2,721 kg)	12,000 (5,443 kg)	X	75	85	X	61	73	94

Operating weight, 9975 lbs (4525 kg), includes ROPS, full fuel tank, 1/2 full water spray tank, and 175 lbs (80 kg) operator.

# C530AH



## Technical Data...

### HYPAC C530AH

#### Weights

Basic/Shipping weight .....	lb	(kg)	9000	(4080)
Operating weight (unballasted) .....	lb	(kg)	9975	(4525)
Operating weight (max. ballasted) .....	lb	(kg)	27000	(12245)
Average wheel load, (max.) .....	lb	(kg)	3000	(1360)

#### Dimensions

Working width .....	in	(mm)	68	(1727)
Wheel track overlap .....	in	(mm)	0.5	(12.5)
Height with ROPS/FOPS .....	in	(mm)	113	(2870)
Track radius, inner .....	in	(mm)	108	(2745)
Dimensions .....	see sketch			

#### Driving Characteristics

Speed (low) .....	mph	(kmph)	8.0	(12.9)
Speed (medium) .....	mph	(kmph)	10.5	(16.9)
Speed (high) .....	mph	(kmph)	15.5	(25.0)

#### Drive

Engine manufacturer .....	Cummins			
Type .....	4B3.3TA			
Cooling .....	water			
Number of cylinders .....	4			
Performance SAE J1349 .....	hp	(kW)	85	(63)
Speed .....	rpm		2600	(2600)
Fuel .....	diesel			
Electric equipment .....	V			
Drive system .....	hydrostatic			
Driven axles .....	front			

#### Tires

Number of tires, front/rear .....	4/5
Tire size .....	7.50 x 15, 12 ply
Oscillation of tires rear, outside/center .....	4/5

#### Brakes

Service brake .....	hydrostatic
Secondary/Parking brake .....	SAHR

#### Steering

Steering system .....	oscillating, articulating
Steering method .....	hydrostatic
Steering angle +/- .....	35
Oscillating angle +/- .....	10

#### Water Spray System

Type of water spray system .....	pressurized
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#### Capacities

Fuel .....	gal	(l)	30	(114)
Water .....	gal	(l)	150	(568)
Engine oil .....	gal	(l)	2.5	(9.5)
Hydraulic fluid .....	gal	(l)	28.5	(108)