



Machines

## Pneu Tyred Roller

AP 240 H

[www.ammann-group.com](http://www.ammann-group.com)



More than 30 years our pneumatic tyred rollers belong to a top on the market of static rollers. From the first one, GRW 101 to the current AP 240, which is now most popular PTR on the world market. It would seem to be impossible to replace AP 240 by better machine. But we don't know impossible, and we are proud to introduce a new pneumatic tyred roller AP 240 H. Meet amazing possibilities.

AP 240 H is pneumatic roller of a new generation with revolutionary modular frame architecture. This construction arrangement is featured by a main frame that houses a water tank, operator position and engine, plus a removable ballast space (3 m<sup>3</sup>) that can be quickly filled and emptied. Drive power is transmitted via hydraulic circuit from diesel engine. Various safety mechanisms protect operation of the hydrostatic brake and mechanical parking brakes activated automatically in several modes.

### Cab

- entire cab, sliding operator's station, swiveling seat, 70 degrees to both sides
- cab with integrated ROPS protection structure
- ergonomically adjustable seat with operator's weight adjustment
- tilting steering column for easy access to operator's seat, steering column contains dashboard with all important indicators and pedals for gas and brake control
- electrical steering with double steering sensors and high protection against short loop
- well isolated steering from vibration

### Compaction abilities

- big ballast box (3 m<sup>3</sup>) allows easy way of weight addition or reduction
- possibility to add 8 ballasting weights per 750 kg each
- excellent results of compaction reached by kneading effect

### Drive and steering

- sensitive and reliable steering
- hydrostatic drive by Rexroth, perfectly protected against overload
- hydrostatic high safety operating brake
- huge fuel tank allows 25 work hours
- new patented mechanical arrangement of the front isostatic axle

### Service and maintenance

- easy access to all service and maintenance points
- powerful and reliable diesel engine by Cummins



## Compaction abilities

Ballasting range from 10 000 to 24 000 kg.

Central inflation system to set optimal pressure in tires

Isostatic front axle

Ammann Traction Control between pairs of rear wheels (option)

Sprinkling system

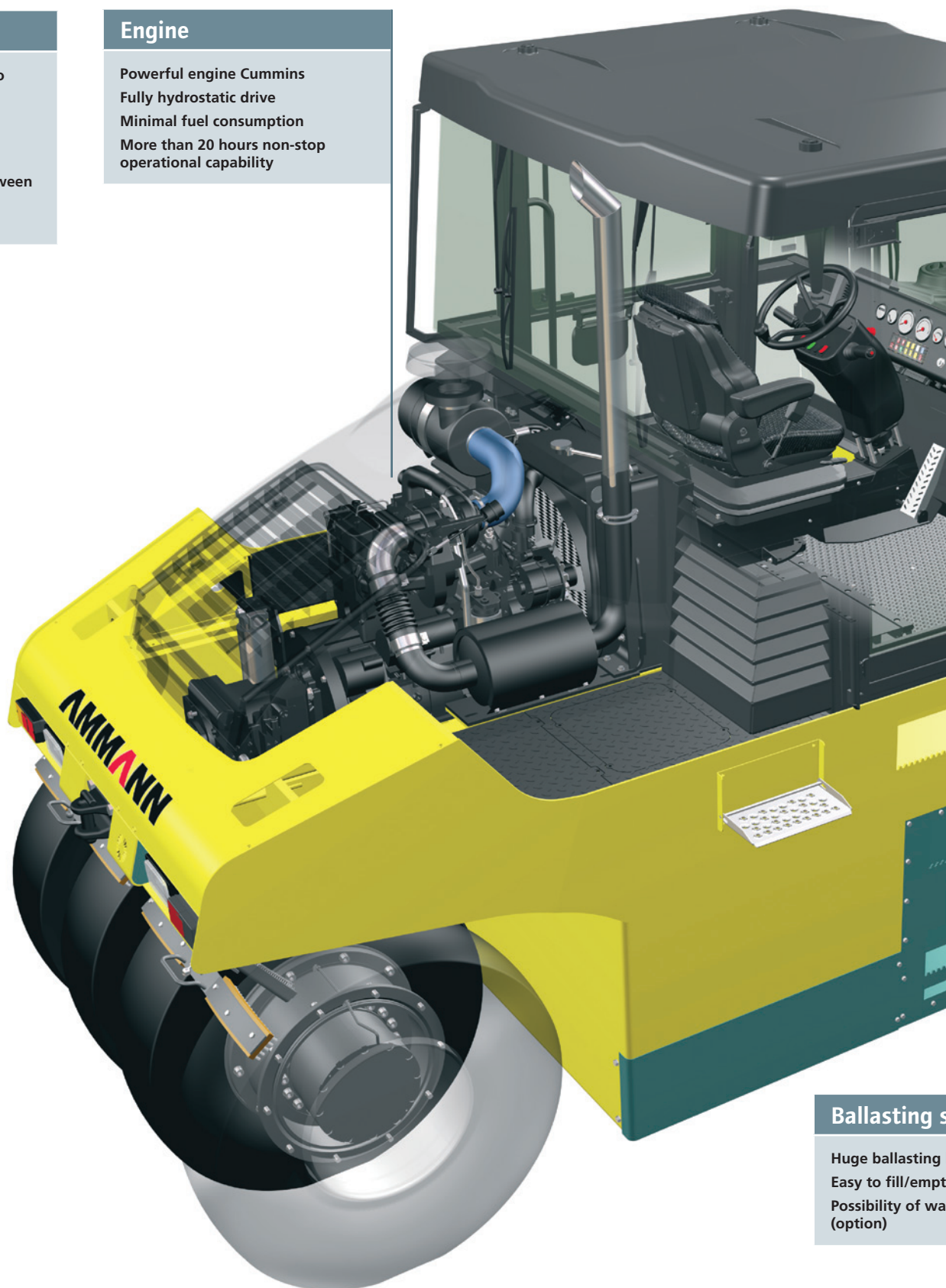
## Engine

Powerful engine Cummins

Fully hydrostatic drive

Minimal fuel consumption

More than 20 hours non-stop operational capability



## Ballasting s

Huge ballasting

Easy to fill/empt

Possibility of wa  
(option)

# AP 240 H

## Hydrostatic PTR



### Cabine

Roomy, well glassed cab  
Ergonomic one seat workplace,  
swivel and sliding  
Integrated ROPS and FOPS  
protection structure  
Clear understandable dashboard

### Steering front axle

Two isostatic pivots keeps  
permanent contact with compacting  
material  
New patented system of isostatic  
suspension  
Central tyre inflation system  
(option)

### space

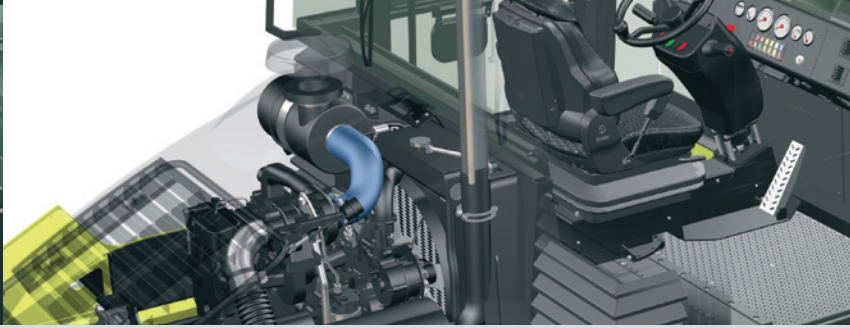
box ( 3 m<sup>3</sup>)  
y  
ter ballasting

## Standard items

- CE conformity – ROPS
- TIER II, seat switch
- FOPS cab
- Sliding and rotating driver station
- Ventilation + heating of cab
- Rear axle hydrostatic propulsion
- Front axle isostatic suspension
- Halogen working lights front/rear
- Sprinkling system
- 4+4 pneu Mitas Compactor 18 PR (diagonal)
- Ammann painting (yellow, green)

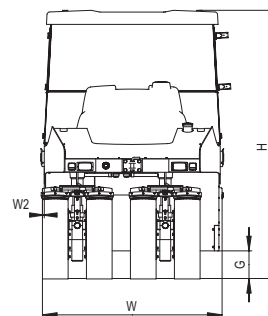
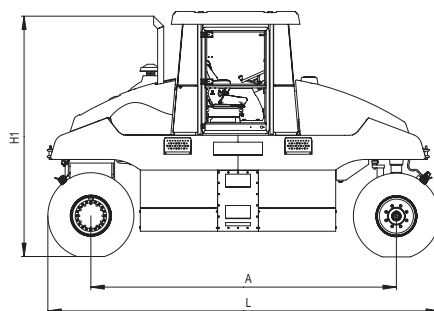
## Optional items

- Open platform w rails+vandal cover
- ROPS canvas canopy
- Selfstanding canvas canopy
- Air conditioning
- Radio preparation w antenna
- Warning beacon
- Back-up alarm
- Alternator safety screen
- Chock bloks
- Back-up white light
- Italo Kit
- Ballast up to 24 t
- Thermal aprons
- Waterproofed frame
- Towing set
- Ammann Traction Control (between pairs of rear wheels)
- Tyre inflation system-central
- Coco scrapers
- Unified whells front/rear
- Engine speed indicator (RPM gauge)
- Edge cutter
- 4 + 4 radial tyres Dunlop, Mitas
- Add. documentation set
- Tools kit
- First service kit
- Fire extinguisher
- Special painting
- Radio, CD, MP3, with antenna



## Technical data and specifications

AP 240 H		
<b>Capacity</b>		
Operating weight maximum	kg	24000
Compacting width maximum	mm	2042
<b>Weights</b>		
Operating weight (CECE)	kg	9350
One wheel load minimum	kg	1169
One wheel load maximum	kg	3000
<b>Steering</b>		
Steering angle (±)	°	32
Oscillation angle (±)	°	5
Turning radius inner (trace) left / right	mm	7600 / 6450
Turning radius outer (contour) left / right	mm	10 550 / 9100
<b>Riding characteristic</b>		
No. of travel speeds		3
Maximal speed	km/h	19
Gradeability	%	25
<b>Brakes</b>		
Operation		Hydrostatic
Parking		Multi disc
Emergency		Multi disc
<b>Watering</b>		
Watering		Pressure
No. of pumps		1
Water filtration stages		1
<b>Tanks</b>		
Fuel	l	304
Water	l	565
<b>Electroinstallation</b>		
Voltage	V	12
Capacity of batteries	Ah	135
<b>Engine</b>		
Make		Cummins
Type		4BT4.5-C99
Rated power	kW	74
Standard		ISO 3046/1 (DIN 6271)



Dimensions (mm)	A	G	H	H1	L	W	W2
AP 240 H	3800	315	3120	3000	4860	2042	21

Technical data subject to change without notice. Illustrations may show optional equipment.

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