



**Chicago  
Pneumatic**



**People.  
Passion.  
Performance.**

**Compact Tandem Asphalt Rollers  
and Soil Compactors**

# STREET SMART DESIGN

Whether you need a solution for smaller compaction jobs or a maneuverable machine for narrow spaces, Chicago Pneumatic has the asphalt roller to match. These machines give you the right combination of performance and reliability to handle demanding jobs.

CP's articulated tandem asphalt rollers and soil compactors are built to last and deliver the compaction power you need for quality results. Plus, every model offers the visibility, straightforward controls and operator-friendly features to keep crews working productively.

We understand how important it is to get the job done on time and on budget, and we design our equipment to do just that. For durability and value, you can't beat CP. That's just how we roll.



**Chicago  
Pneumatic**

New CP Asphalt and Soil Rollers are designed to increase productivity with reliable performance and low operating costs.

**MINIMUM SERVICE REQUIRED**

Articulated steering features a maintenance-free steering hitch and steering cylinder to help reduce maintenance (AR models). Other service points, such as the hydraulic fluid, engine oil and fuel system filters, are easy to reach and change. And long service intervals mean less downtime.

**ERGONOMIC OPERATOR PLATFORM**

All CP Rollers enhance productivity by providing spacious operator platforms with ergonomically positioned controls and instruments.

**TOP PERFORMANCE**

Produced with over 70 years of compaction expertise, CP Asphalt and Soil Rollers provide unbeatable compaction performance in a variety of job site conditions.

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These features are just the beginning. You'll find many more smart design features on every model, helping you work efficiently — no matter what the application.





# AR90G

# Small Articulated Tandem Asphalt Roller (Gasoline)

**APPLICATIONS:** The gasoline-powered AR90G is used primarily for small-scale compaction work including patching, bicycle paths, parking lots and driveways. This model has vibration on the front drum and a static rear drum, with drive on both drums.

### OPERATOR-FRIENDLY FEATURES

Spacious operator platform and ergonomically positioned step are designed for operator comfort. The rear drum is equipped with shock mounts to minimize operator platform vibration. A sliding operator seat is also standard.

### POWER AND GRADEABILITY

With a powerful, air-cooled Honda® gasoline engine, large drum diameter and drive motors connected in series, this machine offers excellent accessibility and gradeability.



### EASY TRANSPORT

Folding ROPS (standard) can be folded down to minimize transport height. The machine also has towing eyelets at the front and rear.

### STRAIGHTFORWARD INSTRUMENT PANEL

Easy-to-read instrument panel includes hour meter, switch horn, warning lights for brakes and hydraulic oil temperature, and water sprinkler control.

### HIGH CLEARANCE

Ample clearance at the edge of the drums allows compaction close to high curbs and other obstacles on both sides of the machine.

AR90G	
<b>Mass</b>	
Operating mass (incl. ROPS) lb	2,900
Module mass (front/rear) lb	1,300 / 1,600
Max. operating mass lb	3,300
<b>Dimensions</b>	
Drum width in	35
<b>Traction</b>	
Speed mph	0 – 8
Vertical oscillation	±13°
Theoretical gradeability	35%
<b>Compaction</b>	
Static linear load (front/rear) lb/in	37 / 46
Nominal amplitude in	0.016
Vibration frequency vpm	4,200
Centrifugal force lbf	3,800

<b>Engine</b>	
Engine (4-stroke gasoline)	Honda GX630
Rated power, SAE J1995	21 hp @ 3,600 rpm
<b>Hydraulic system</b>	
Driving	Axial piston pump with variable displacement. Radial piston motors (2) with constant displacement.
Vibration	Gear pump/motors with constant displacement.
Steering	Gear pump with constant displacement.
Service brake	Hydrostatic in forward and reverse lever.
Parking/emergency brake	Failsafe brake in both drums.
<b>Capacities</b>	
Fuel tank capacity gal	6
Water tank capacity gal	50

# AR100

# Small Articulated Tandem Asphalt Roller (Diesel)

**APPLICATIONS:** The AR100 is used for small-scale compaction jobs such as bicycle paths, small roads and small parking areas — places that need compaction but are difficult to reach with a larger roller. Vibration and drive are standard on both front and rear drums.

### LOW NOISE, HIGH POWER

With a powerful yet quiet water-cooled Perkins® diesel engine, large drum diameter and drive motors connected in series, this machine offers excellent accessibility and gradeability.

### SELF-DRAINING SPRINKLER TUBE

Innovative sprinkler tube and nozzles are self-draining to minimize the risk of ice plugs in cold weather.

### OPERATOR-FRIENDLY PLATFORM

The spacious, vibration-dampened operator platform and ergonomically positioned step are designed for operator comfort. The modern, easily legible instrument panel includes a warning panel and a fuel gauge.

### EASY TRANSPORT

A robust central lifting eye allows fast and easy loading, and an optional folding ROPS reduces transport height.

### EASY COMPACTION

Big drum diameter makes compaction easier, even on soft asphalt mixes. The ratio of drum diameter to static linear load reduces the risk of cracks. Plus, thick drum shells offer a long service life.



## AR100

<b>Mass</b>		<b>Engine</b>	
Operating mass (incl. ROPS) lb	3,715	Engine (water-cooled diesel)	Perkins 403D-11, T4i
Module mass (front/rear) lb	1,742 / 1,973	Rated power, SAE J1995	23.5 hp at 2600 rpm
Max. operating mass lb	3,858	<b>Hydraulic system</b>	
<b>Dimensions</b>		<b>Driving</b>	Axial piston pump with variable displacement and servo. 2 radial piston motors with constant displacement.
Drum width in	39.4	<b>Vibration</b>	Gear pump/motors with constant displacement.
<b>Traction</b>		<b>Steering</b>	Gear pump with constant displacement.
Speed mph	0 – 9	<b>Service brake</b>	Hydrostatic in forward and reverse lever.
Vertical oscillation	13°	<b>Parking/emergency brake</b>	Failsafe brake in both drums.
Theoretical gradeability	40%	<b>Capacities</b>	
<b>Compaction</b>		Fuel tank capacity gal	6.1
Static linear load (front/rear) lb/in	44 / 50	Water tank capacity gal	29.1
Nominal amplitude in	0.016		
Vibration frequency vpm	4,200		
Centrifugal force lbf	3,822		

# AR120

# Compact Articulated Tandem Asphalt Roller

**APPLICATIONS:** The AR120 is designed for quiet operation in sensitive environments. It's typically used for compaction on streets and roads in urban areas, where size and noise are important. Vibration and drive are standard on both front and rear drums.

### OPERATOR-FRIENDLY DESIGN

This model features a user-friendly control panel and low noise and vibration levels to minimize operator fatigue. A low center of gravity keeps the machine stable, and sturdy handgrips and boarding steps make it easier to get on and off the machine. In addition, there's a safety interlock, so the operator must be in the seat before the engine will start.

### LOW NOISE, HIGH POWER

With a powerful yet quiet Kubota® water-cooled diesel engine, large drum diameter and drive motors connected in series, this machine offers excellent accessibility and gradeability.

### HIGH CLEARANCE

Ample clearance at the edge of the drums allows compaction close to high curbs and other obstacles on both sides of the machine.

### RELIABLE ELECTRONIC CONTROL

The electronic control unit (ECU) controls all vital electric functions on the machine and makes the electric system even more reliable.



### NON-CLOGGING SPRINKLER NOZZLES

Three separate filters in the sprinkler water system ensure clean water without clogs. The entire system is easy to drain without special tools.

AR120	
<b>Mass</b>	
Operating mass (incl. ROPS) lb	5,732
Module mass (front/rear) lb	2,778 / 2,954
Max. operating mass lb	5,975
<b>Dimensions</b>	
Drum width in	47.2
<b>Traction</b>	
Speed mph	0 – 6.2
Vertical oscillation	10°
Theoretical gradeability	45%
<b>Compaction</b>	
Static linear load (front/rear) lb/in	59 / 63
Nominal amplitude in	0.02
Vibration frequency vpm	3,480 / 4,020
Centrifugal force lbf	6,080 / 8,170

<b>Engine</b>	
Engine (water-cooled diesel)	Kubota D1703-M, T4i
Rated power, SAE J1995	35 hp at 2800 rpm
<b>Hydraulic system</b>	
Driving	Axial piston pump with variable displacement. Radial piston motors (2) with constant displacement.
Vibration	Gear pump/motors with constant displacement.
Steering	Gear pump with constant displacement.
Service brake	Hydrostatic in forward and reverse lever.
Parking/emergency brake	Failsafe multidisc brake in both drums.
<b>Capacities</b>	
Fuel tank capacity gal	13.2
Water tank capacity gal	42.3

# SR130D/ SR130PD

# Small Vibratory Rollers

## Soil Compactors

**APPLICATIONS:** These small vibratory rollers are designed for compaction in pipe trenches, on road shoulders and in cramped spaces where refilling work is required. They are also suitable for repair work on dams, power stations, parking lots and airfields. The PD version is equipped with pads and a drum drive, making it suitable for the compaction of silt and clay soils.

### EXCEPTIONAL DURABILITY

Strong welded frame and thick drum shell allow long service life.

### SUPERIOR COMPACTION PERFORMANCE

Optimum high amplitude allows for excellent compaction results.

### FAIL-SAFE BRAKES

Automatic brake lock engages if the engine stops or if there is a problem in the hydraulic or electric brake circuits.

### EASY MAINTENANCE

Cross-mounted engine allows easy service access.

### COMPACT AND MANEUVERABLE

Small size with exceptional maneuverability, even on steep slopes.



	SR130D	SR130PD
<b>Model type</b>	Smooth drum	Pad-foot drum
<b>Masses</b>		
<b>Operating mass (incl. ROPS) lb</b>	10,600	10,500
<b>Module mass, front</b>	4,500 / 6,100	4,400 / 6,100
<b>Max. operating mass lb</b>	11,700	11,500
<b>Dimensions</b>		
<b>Drum width in</b>	53.9	53.9
<b>Traction</b>		
<b>Speed mph</b>	0 – 3.7	0 – 3.7
<b>Vertical oscillation</b>	±9°	±9°
<b>Tire size (8 ply)</b>	12.5 x 20	12.5 x 20
<b>Number of pads</b>	—	72
<b>Pad height in</b>	—	76
<b>Pad area in<sup>2</sup></b>	—	8.2
<b>Theoretical gradeability</b>	55%	52%

	SR130D	SR130PD
<b>Model type</b>	Smooth drum	Pad-foot drum
<b>Compaction</b>		
<b>Static linear load (front/rear)lb/in</b>	73	—
<b>Nominal amplitude in</b>	0.067	0.059
<b>Vibration frequency vpm</b>	2,100	2,100
<b>Centrifugal force lbf</b>	20,008	20,008
<b>Engine</b>		
<b>Engine (diesel))</b>	Kubota V 3307 CR-TE4	Kubota V 3307 CR-TE4
<b>Rated power</b>	75 hp at 2200 rpm	75 hp at 2200 rpm
<b>Hydraulic system</b>		
<b>Driving</b>	Axial piston pump with variable displacement. Radial piston motors (2) with constant displacement.	
<b>Vibration</b>	Gear pump/motor with constant displacement.	
<b>Steering</b>	Gear pump with constant displacement.	
<b>Service brake</b>	Hydrostatic in forward and reverse lever.	
<b>Parking/emergency brake</b>	Failsafe multidisc brake in rear axle and front drum motor.	
<b>Capacities</b>		
<b>Fuel tank capacity gal</b>	30.9 gal	30.9 gal