



**Chicago
Pneumatic**

Distributed by: CENTRAIR Air Systems & Supplies
68 Hooper Rd., Unit 5
Barrie ON L4N 8Z9
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A complete offer for the construction industry



**High-performance products.
Designed for you!**

Ready

Chicago Pneumatic offers powerful equipment for almost every industry and countless applications, hard at work in some of the most demanding workplaces in the world. Like you, our job is never done. Designing and building equipment with your needs in mind, as hard working and reliable as you are.

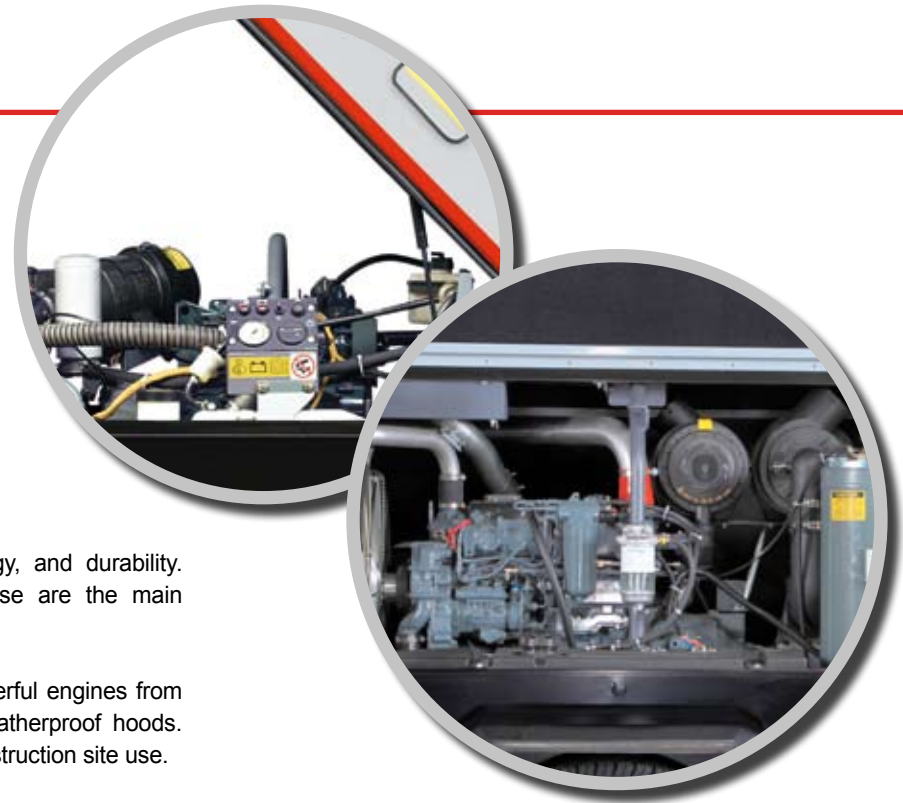
Steady

CP stands for pioneering design, high-impact technology, and durability. Reliability, easy maintenance, flexibility, and ease of use are the main characteristics of Chicago Pneumatic equipment.

The compressor range features robust designs, with powerful engines from well-known, well-respected brands under sound and weatherproof hoods. They are easy to move and therefore ideally suited for construction site use.

Our Utility Skid Series is a range of powerful self-contained compact air compressors, designed to provide heavy-duty performance at low operating costs under virtually any condition.

The Lighting Tower CPLT with metal halide lamp technology is one of the most reliable and efficient ways of lighting your working areas. The Lighting Tower CPLT is easy to operate and extremely light and manoeuvrable, making it very simple to position at the desired location.



Go!

Steady and reliable Chicago Pneumatic equipment is available around the world, through a certified distribution network

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Technical Data

Compressor	Units	CPS 90	CPS 185	CPS 185 Pd	CPS 375	CPS 750
Airflow acc. to ISO 1217 at working pressure	m ³ /min	2.5	5.3	5.3	10.6	21.2
	cfm	88	187	187	375	750
Working pressure	bar(e)	7	7	7	7	7
	psi	102	102	102	102	102
Max./min. working speed	rpm	3000-2400	2750-1850	2750-1600	2300-1500	2500-1300
Capacity of fuel tank	l	32	80	95	144	288
	gallons	8.5	21	25	38	76
Air outlet valves - qty x size	inches	2 x 3/4"	2 x 3/4"	2 x 3/4"	2 x 3/4"	1 x 1 1/2"
Length with horizontal towbar	mm	2953	3175	3175	3683	5156
	inches	116.3	125	125	145	203
Width	mm	1280	1400	1524	1829	1981
	inches	50.4	55.1	60	72	78
Height	mm	1205	1280	1448	1803	1981
	inches	47.4	50.4	57	71	78
Operational weight (full fuel tank)	kg	556	897	1087	1749	2901
	lbs	1225	1980	2400	3860	6405

Engine

Manufacturer		KUBOTA	DEUTZ	PERKINS	PERKINS	CATERPILLAR
Engine type		D1105	D2011L03	404D-22	1104D-44TA	C6.6 ACERT
Cylinders		3	3	4	4	6
Output at nominal speed	kW	19.4	36	36.5	83	147
	HP	26.4	49	49	111	200



Subject to change without prior notice.



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Lighting tower

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Features and benefits

New GenSmart™ Permanent Magnets Generator (PMG)

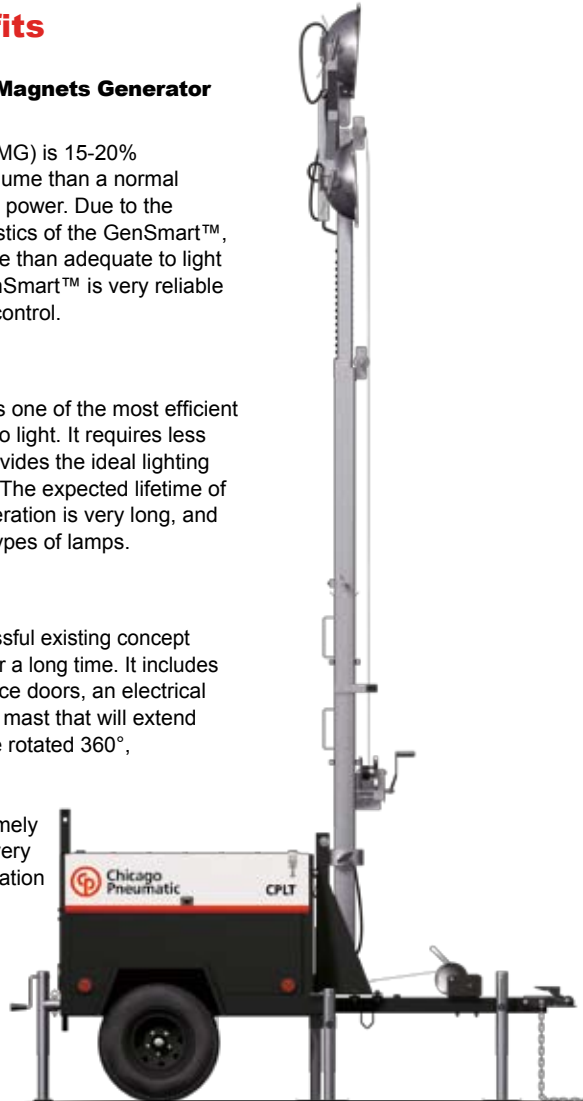
A Permanent Magnet Generator (PMG) is 15-20% more efficient and has 75% less volume than a normal synchronous alternator of the same power. Due to the design and the electrical characteristics of the GenSmart™, the output voltage behaviour is more than adequate to light up the metal halide lamps. The GenSmart™ is very reliable and doesn't require any electronic control.

Metal halide lamps

The metal halide lamp technology is one of the most efficient ways of turning electrical energy into light. It requires less power, produces more light and provides the ideal lighting for working, sport and event areas. The expected lifetime of a metal halide lamp in a normal operation is very long, and the failure ratio is the lowest of all types of lamps.

Proven concept

The new CPLT is based on a successful existing concept that has been used on the market for a long time. It includes a metallic enclosure with wide service doors, an electrical cubicle for control and protection, a mast that will extend vertically up to 31 ft and that can be rotated 360°, stabilization legs and an on-road undercarriage. The Lighting Tower CPLT is easy to operate and extremely light and manoeuvrable, making it very simple to position at the desired location for optimal work area lighting.



Technical Data

Engine characteristics	
Model	Yanmar 2TNV70, 2 Cylinder Diesel engine
Power at 2500 rpm	6,7 kW
Fuel tank capacity	30 US gal/113,6 liters
Fuel autonomy	85 hours
Emissions	EPA Tier 4

Alternator characteristics	
Model	Permanent magnet brushless, LE G24N1-001
Rated power at 2500 rpm	5 kVA
Number of phases	4
Insulation class	H

Torch characteristics	
Lamps	4 metal halide 1000W lamps
External ballast	No
Lighting capacity (max.)	110.000 lumen/bulb

Mast characteristics	
Maximum height	31 ft/9,44 m
Rotation	360°
Operation	Manual
Maximum wind speed	65 miles/h - 105 km/h

Dimensions and weight	
L x W x H (inch/m)	175 x 120 x 69/ 4,45 x 3,04 x 1,75
Weight	1460 lbs/662 kg (dry)

Average lighting versus distance



Technical Data

Compressor	Units	open skid CPS 100	CPS 100	CPS 185	CPS 210
Airflow acc. to ISO 1217 at working pressure	m ³ /min	2.8	2.8	5.2	6
	cfm	100	100	185	210
Working pressure	bar(e)	8.6	8.6	8.6	8.6
	psi	125	125	125	125
Max./min. working speed	rpm	2750-2000	2750-2000	2300-1500	2300-1500
Capacity of fuel tank	l	45	45		
	gallons	12	12		
Air outlet valves - qty x size	inches	2 x 3/4"	2 x 3/4"	2 x 3/4"	2 x 3/4"
Length	mm	1450	1550	1660	1660
	inches	57	61	65	65
Width	mm	770	770	820	820
	inches	30	30	32	32
Height	mm	914	914	1250	1250
	inches	36	36	49	49
Operational weight (full fuel tank)	kg	594	682	1043	1066
	lbs	1310	1500	2300	2350

Engine

Manufacturer		CUMMINS	CUMMINS	CUMMINS	CUMMINS
Engine type		A1700	A1700	3.3	3.3
Cylinders		3	3	4	4
Output at nominal speed	kW	24	24	48.5	48.5
	HP	32	32	65	65

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Utility Skid Series

The Utility Skid Series offers powerful compact air compressors designed to be integrated into work trucks and mobile machines requiring full-featured, self-contained, on-board air packages. Small and lightweight, these units are easy to incorporate into your systems. The proven heavy-duty performance insures low operating costs under virtually any condition.

Our machines are diesel powered and most Utility Skid Series compressors are designed to use fuel from auxiliary tanks. Instrument panel locations are variable and options to drive generators and hydraulic pumps are available.





Over 100 years of experience

Since 1901 the Chicago Pneumatic name has represented high-performance tools and equipment designed for an extensive range of applications. Today, Chicago Pneumatic has a global reach, with local customer centers around the world. Chicago Pneumatic tools and air compressors are tailored to the needs of the industrial, vehicle service, and construction markets.

Every day we develop and manufacture new products that are meant to meet your demands not only today, but tomorrow as well.

To learn more about our extensive range of tools, hydraulic attachments, industrial and portable compressors, accessories and workshop equipment, please visit www.cp.com.

Service

Through our distribution network we provide worldwide aftermarket support and service. Chicago Pneumatic has design and production facilities, and customer centers around the world. Centers of excellence that we are proud of.

Maintenance Kits contain all the parts needed for a scheduled maintenance, to ensure optimal uptime.

Easy to replace parts come in single Service Kits for the swift service of your equipment. All parts and kits are readily available out of stock. Getting the right parts in a complete package set saves you time.



Genuine parts

Genuine Chicago Pneumatic quality parts - provided through our certified distribution network - ensure a long life for your equipment and eliminate the risk of breakdown. For your peace of mind.

Genuine spare parts are available out of stock, which makes swift ordering possible, saving you time and worries.

A series of genuine lubricants (compressor oil, engine oil and coolant) are readily available from stock.

Options

The wide range of options available for CP compressors make it possible to fit these out for almost every application:

- Towing eyes
- Skid mounted
- Hydraulic or electric brakes
- Hose reels
- Cold start
- Aftercooler



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Danger: Compressed air should never be supplied as breathing air unless air is properly purified for breathing. Chicago Pneumatic assumes no responsibility of liability related to the purchaser's/user's breathing system.

The information contained herein is general in nature and is not intended for specific construction, installation or application purposes.