



2018
PORTABLE
EQUIPMENT
CATALOG
version 2 - 06/12

Jacto 2018
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This document does not exempt users from closely reading the operator's manual.

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SHUNJI NISHIMURA

Jacto was founded by Shunji Nishimura, a Japanese immigrant who arrived in Brazil in 1932 at the age of 21, in search of a better life.

In February 1939, Shunji Nishimura decided to try his luck in the countryside. He boarded a train in São Paulo to the Alta Paulista region and got off at the last train stop in the city of Pompeia, a small village at the time, 472 kilometers from the capital.

He rented a house and hang a sign that says: “We fix everything”. He fixed bowls, transformed lubricating oil cans into buckets and mugs.

In this shop, farmers also asked Nishimura to fix their agrochemical dusters which were imported and had no technical assistance in the region. By fixing so many of them, he designed a new model which was better and easier to use.

It was the first duster created in Brazil and the first Jacto brand product in 1948.

Today Jacto Group comprises several business units and employs more than 3,500 people. It operates in several sectors from agricultural and cleaning equipment, electric vehicles and plastic industry.



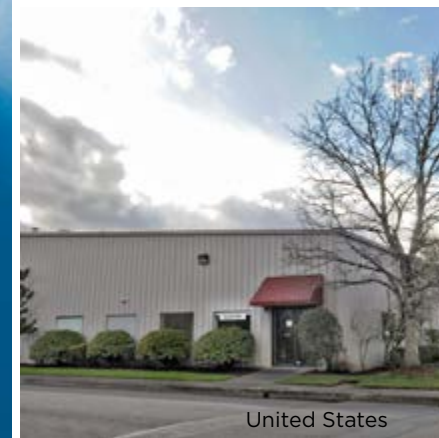
JACTO SMALL FARM SOLUTIONS

We are one Jacto Group's business units. We work with portable equipment and we are present in more than 100 countries.

Located in Pompéia, São Paulo, we have a factory in Thailand, a commercial unit in the United States and Mexico.



Pompeia,
São Paulo
Brazil



United States



Thailand



Mexico

PORTABLE MANUAL EQUIPMENT

In farms, cities, crops or gardens.
We have the right solution for you.



JACTO - PJH

MANUAL KNAPSACK SPRAYER

Jacto's traditional knapsack sprayer – tested and approved in more than 100 countries.

Featuring a metallic chamber and base, it offers greater durability to resist the most adverse weather conditions in the fields.

Whether in large fields or small farms, PJH will always be your partner.



Code: 825398

TECHNICAL SPECIFICATIONS



PJH	
Net weight	5.0 kg
Dimensions (WxLxH)	202 x 395 x 544 mm
Lance and hose assembly	Lance length: 600 mm Hose length: 1350 mm
Tank	Capacity: 20 liters Tank filler diameter: 140 mm Material: Plastic
Pump	Type: Double piston Material: Brass Working pressure (maximum): 100 psi (6.8 bar) Chamber volume: 600 ml
Warranty	3 years



JACTO - PJ

MANUAL KNAPSACK SPRAYER

Equipped with highly durable metal chamber, it is available in three versions: 16, 18 and 20 liters.

It allows switching between left and right pumping.



JACTO PJ - 16
Code: 837575

JACTO PJ - 18
Code: 317578

JACTO PLUS
Code: 58602

TECHNICAL SPECIFICATIONS



PJ - 16/ PJ - 18/ PLUS	
Net weight	4.9 kg/ 5.2 kg/ 5.2 kg
Dimensions (WxLxH)	161x353x545 mm / 196x353x545mm / 196x353x545mm
Lance and hose assembly	Lance length: 600 mm Hose length: 1350 mm
Tank	Capacity: 16 / 18 / 20 liters Tank filler diameter: 105 mm Material: Plastic
Pump	Type: Piston Material: Brass Working pressure (maximum): 100 psi (6.8 bar) Chamber volume: 600 ml
Warranty	3 years

JACTO - XP

MANUAL KNAPSACK SPRAYER

Light and comfortable, it is available in the 12, 16 and 20-liter versions. Great for everyday spraying, easy to use and easy maintenance.

Ideal for those who seek comfort and Jacto's quality.



JACTO XP - 12
Code: 1200416



JACTO XP - 16
Code: 1200417



JACTO XP - 20
Code: 1200418

TECHNICAL SPECIFICATIONS



XP - 12/ XP - 16/ XP - 20	
Net weight	3.5 kg / 3.6 kg / 3.7 kg
Dimensions (WxLxH)	143x376x552 mm / 167x376x554 mm / 196x376x554 mm
Lance and hose assembly	Lance length: 600 mm Hose length: 1350 mm
Tank	Capacity: 12 / 16 / 20 liters Tank filler diameter: 100 mm Material: Plastic
Pump	Type: Piston Material: Plastic Working pressure (maximum): 75 psi (5.1 bar) Chamber volume: 600 ml
Warranty	3 years



JACTO - HD

MANUAL KNAPSACK SPRAYER

Robust and versatile, it is recommended for all kinds of applications.

Equipped with a 900-ml chamber, it provides a more constant pressure with less pumping.

It allows switching between left and right pumping.



JACTO HD - 400
Code: 989269



JACTO HD - 550
Code: 192707

TECHNICAL SPECIFICATIONS



HD - 400/ HD - 550	
Net weight	3.7 kg / 3.9 kg
Dimensions (WxLxH)	174x367x537 mm/ 190x402x538 mm
Lance and hose assembly	Lance length: 600 mm Hose length: 1650 mm
Tank	Capacity: 16 / 20 litros Tank filler diameter: 105 mm Material: Plastic
Pump	Type: Piston Material: Plastic Working pressure (maximum): 75 psi (5.1 bar) Chamber volume: 900 ml
Warranty	3 years



JACTO HH - 5

COMPRESSION SPRAYER

JACTO HH - 5 compression sprayer is portable and easy to use.

Equipped with a piston-type pump, high-durability tank, adjustable cone nozzle, decompression valve for easy opening, and a wide funnel-type filler neck for easy filling.

It is ideal for spraying small areas or individual plants.



Code: 1232064

TECHNICAL SPECIFICATIONS



HH - 5	
Net weight	1.5 kg
Dimensions (WxLxH)	477x197x197 mm
Lance and hose assembly	Lance length: 350 mm Hose length: 1650 mm
Tank	Capacity: 5 liters Material: Plastic
Pump	Type: Piston Material: Plastic Working pressure (maximum): 35 psi (2.4 bar) Chamber volume: 300 ml



JACTO HH - 1.5

COMPRESSION SPRAYER

JACTO HH - 1.5 compression sprayer is portable and easy to use.

Both lightweight and versatile, JACTO HH1.5 features a highly-durable tank. Our cone nozzle is adjustable to fit various needs and applications. The decompression valve relieves pressure without the need to open the sprayer's lid.

HH - 1.5 is ideal for spraying in small areas such as gardens, potted plants, or individual targets.

Code: 1240001



TECHNICAL SPECIFICATIONS



HH - 1.5	
Net weight	365 g
Dimensions (WxLxH)	307x128x215 mm
Tank	Capacity: 1.5 liters Material: Plastic
Pump	Type: Piston





PORTABLE BATTERY EQUIPMENT

Technology, precision
and high productivity.

JACTO - PJB

BATTERY KNAPSACK SPRAYER

Total application control, pressure adjustment, step indicator and JACTO technology.

With removable battery, hydraulic agitator and padded harness.

Available in the 16 and 20-liter versions.



JACTO PJB - 16
Code: 1225643

JACTO PJB - 20
Code: 1225566

FEATURES



CONSTANT PRESSURE

Regardless of the battery level, pressure is constant and free of failure and oscillation from beginning to end in JACTO PJB.



FEATURES



CONTROL PANEL

Control your JACTO PJB in a simple and easy manner. Change pressure, working speed, visualize battery level and warning signs with just one touch without having to pump.



REMOVABLE BATTERY

Easily and quickly removed and installed. More than 200 liters per working day at maximum pressure using JSF-11002 flat fan nozzle.

FEATURES



PADDED STRAPS



HYDRAULIC AGITATOR

TECHNICAL SPECIFICATIONS



PJB - 16/ PJB - 20	
Net weight	4.8 kg / 4.9 kg
Dimensions WxLxH	190x381x470 mm/ 197x386x541 mm
Lance and hose assembly	Lance length: 600 mm Hose length: 1350 mm
Tank	Capacity: 16 / 20 liters Tank filler diameter: 115 mm Material: Plastic
Pump	Type: Diaphragm Working pressure (maximum): 60 psi (4.1 bar) Open flow: 1.9 l/min
Battery	Type: Lithium-ion, rechargeable Rated voltage: 14.4 V d.c. Capacity: 60 Wh (4200 mAh) Battery recharge time: 4 h
Warranty	3 years

JACTO - PJBC

BATTERY KNAPSACK SPRAYER

For domestic use, it is comfortable and does not require any effort pumping.

Combining functionality and technology, Jacto PJBC line is available in the 8, 16 and 20-liter versions.

Ideal for use in gardens and vegetable gardens.
2-hour working capacity.*

*depending on nozzle installed



JACTO PJB - 8C
Code: 1224252



JACTO PJB - 16C
Code: 1223776



JACTO PJB - 20C
Code: 1223809

TECHNICAL SPECIFICATIONS



PJB - 8C / PJB - 16C / PJB - 20C	
Net weight	2.8 kg / 3.9 kg / 4.0 kg
Dimensions (WxLxH)	178x259x421 mm / 185x382x469 mm / 193x387x534 mm
Lance and hose assembly	Lance length: 350 mm / 600 mm Hose length: 1650mm / 1350 mm
Tank	Capacity: 8 / 16 / 20 liters Diámetro de la boca: 100 mm / 115 mm Material: Plástico
Pump	Type: Diaphragm Working pressure (maximum): 60 psi (4.1 bar) Open flow: 1.9 l/min
Battery	Type: Lithium-ion, rechargeable Rated voltage: 10.8 V d.c. Capacity: 20 Wh (2200 mAh) Battery recharge time: 6 h
Warranty	3 years



JACTO DJB - 20

BATTERY KNAPSACK DOSER / SPRAYER

Dose and spray with the same equipment.

Easy, practical and precise, it is equipped with a dosing nozzle and a 60-cm extension.

Apply more than 10.000 doses of 50-ml using one battery charge.



JACTO DJB - 20
Code: 1236345



FEATURES



DOSING MODE

Exclusive “D-function TIMER ACTIVE” system that allows applying 5 to 300-ml doses with unique precision.



PADDED STRAPS



HYDRAULIC AGITATOR



REMOVABLE BATTERY

FEATURES



Switch between dosing and spray modes with just one touch on the panel.



Spray mode maintains constant pressure at 5 pressure levels.

TECHNICAL SPECIFICATIONS



DJB - 20	
Net weight	4.9 kg
Dimensions (WxLxH)	197x386x541 mm
Lance and hose assembly	Lance length: 600 mm Hose length: 1350 mm
Tank	Capacity: 20 liters Tank filler diameter: 115 mm Material: Plastic
Pump	Type: Diaphragm Working pressure (maximum): 60 psi (4.1 bar) Open flow: 1.9 l/min
Battery	Type: Lithium-ion, rechargeable Rated voltage: 14.4 V d.c. Capacity: 60 Wh (4200 mAh) Battery recharge time: 4 h
Warranty	3 years



JACTO DJB - 20S

BATTERY KNAPSACK DOSER / SPRAYER

Featuring a spot and timed dosage application system, Jacto DJB - 20S is a versatile and precise equipment.

With Bluetooth connection, Jacto DJB - 20S can be controlled via smartphone.

Select the dosage, calibrate the equipment and even get application statistics and telemetry.

JACTO DJB - 20S
20 liters



JACTO PJA - 18

AIR-ASSISTED BATTERY SPRAYER

Designed for high foliage density crops, the exclusive JACTO FLOW CONTROL system allows adjusting air and spray separately for unsurpassed application quality.

Application efficiency and productivity are part of Jacto PJA's DNA.



JACTO PJA - 18
18 liters





JACTO PR - 40

BATTERY PRUNER

The only battery pruner in the world that has 7 internal sensors to provide progressive cuts with strength and extreme precision.

JACTO PR - 40

BATTERY PRUNER

Work with 40 or 20-cm openings with a single trigger movement.

Ergonomically designed and a special steel titanium-coated blade requires less effort from the operator.

Code: 1237252



TECHNICAL SPECIFICATIONS



PR-40	
Weight (pruner and battery)	3.1 kg
Equipment Dimensions (WxLxH)	46x110x302 mm
Cut	Maximum cutting diameter: 40 mm Speed of cut: 0,35 s Motor supply voltage 200 Nm
Motor	Power: 90 W Motor supply voltage: 48 V
Blade	Material: Special steel
Warranty	1 year

FEATURES

3X
FASTER

When compared to a manual pruner at the end of a working day.

BMS System
(Battery Management System)
charges cells at 100% capacity
ensuring greater efficiency and
battery capacity.



PR - 40 EXTENSION

AVAILABLE ACCESSORY

Telescopic extension for Jacto PR - 40 pruner allows adjusting its height as needed.

120 to 200-cm length.



COMPATIBLE WITH: JACTO PR - 40



Metal hook to remove branches.



Quick trigger with safety lock.

Code: 1235486



PORTABLE ENGINE POWERED SPRAYER

High performance and productivity.



FEATURES

JACTO
PJM - 20

HIGH PRESSURE KNAPSACK
POWER SPRAYER

Equipped with stainless steel lance and two high performance ceramic nozzles.

Provides great droplet penetration, fast and uniform application.



Code: 1238097



COMFORTABLE

Designed to provide comfort and safety, the equipment weight is evenly distributed to relief load from the operator's shoulders.



HIGH PERFORMANCE

Equipped with 2 Jacto ATR ceramic hollow cone nozzles. Maximum pressure of 360 psi / 24.8 bar.



SILENT AND POWERFUL

Features a 25-cc 4-stroke gasoline combustion engine Honda GX-25T model. Its maintenance is easy and it does not require mixing oil with gasoline.

TECHNICAL SPECIFICATIONS



PJM - 20	
Net weight	10.5 kg
Dimensions (WxLxH)	388x420x596 mm
Lance and hose assembly	Lance length: 853 mm Hose length: 1600 mm
Tank	Capacity: 20 liters Tank filler diameter: 150 mm Material: Plastic
Pump	Type: Piston Material: Brass Working pressure (maximum): 360 psi (25 bar) Open flow: 6 l/min
Engine	Type: 4 strokes Displacement: 25.0 cm3 Diameter × Course 35.0×26.0 mm Engine useful power: 0.72 kW (1,0 HP)/7.000 rpm Engine maximum liquid torque: 1.0 N·m (0.10 kgf·m) /5.000 rpm Cooling system: Forced-air circulation Ignition system: Transistor magnet Fuel tank: 0.53 L Oil capacity: 0.08 L Spark plug: NGK: CMR4H
Warranty	1 year

JACTO URBAN LINE

The Urban Line has special Viton® seal and components. Resistant to the most aggressive chemicals in the market, it is ideal for urban pest control and environmental health applications, as oil derivatives products.

The Urban Line features two battery equipment models and a manual sprayer.



JACTO HD - 16U
16 liters



JACTO PJB - 8U
8 liters



JACTO PJB - 16U
16 liters

ORIGINAL ACESSORIES

Improve your Jacto.





EXTENSION 160

Code: 1222733

With 2 nozzles, it improves application coverage and penetration.

Use it in high-foliage density plants, difficult targets and/or when greater flow rate is needed.



BED BOOM

Code: 1222736

75-cm long and equipped with four flat-fan type nozzles, it is excellent for applications in vegetable and flower beds and other areas.



EXTENSION 600

Code: 1222729

Increase your boom in 60 cms to allow greater application reach.



CALIBRATION BOTTLE

Code: 834309

Avoid waste. Use Jacto calibration bottle to adjust volume.



ADJUSTABLE CONE NOZZLE

Blue (0.7 L/min) Code: 325787

Red (0.6 L/min) Code: 015024

Yellow (0.3 L/min) Code: 323725

Recommended for general applications, its spray pattern can be quickly adjusted from a 90-degree cone to a stream.



Y NOZZLE

Code: 1222730

Increase coverage area and reduce spraying time up to 50% with this accessory



BOOM 500

Code: 1222718

With 50-cm nozzle spacing, it allows spraying two rows at the same time.



ECOVALVE

Green (Code: 1197164)

Yellow (Code: 1197159)

Blue (Code: 1197163)

Red (Code: 1197162)

It maintains pressure and flow rate constant ensuring a more uniform application.



SPRAY GUARD

Code: 1222737 (P)

Code: 761882 (G)

Increases productivity and protects your crop by preventing unwanted spray drift. Perfect for herbicide applications adjacent to crops, flower beds or other sensitive areas.



MOLDABLE BOOM

Code: 907873

Ease of application according to your target and crop conditions.



DOSER CHAMBER

Code: 1197041

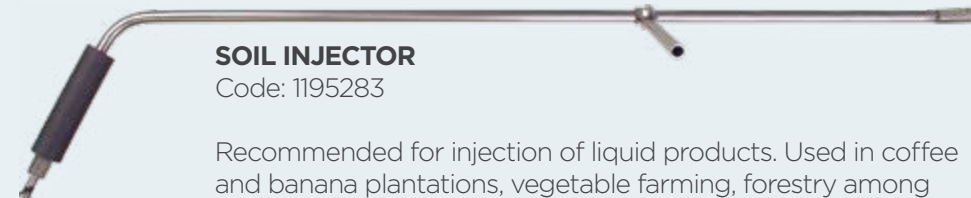
It allows applying 5 to 70-ml dosages.
Compatible with JACTO: PJH / PJ-16 / PJ-18 / PLUS.



DOSAGE LANCE

Code: 1197040

Recommended for pesticide, herbicide and fertilizer applications. Used in coffee and banana plantations, vegetable farming, forestry among others.



SOIL INJECTOR

Code: 1195283

Recommended for injection of liquid products. Used in coffee and banana plantations, vegetable farming, forestry among others.



ANTI-GROWTH LANCE

Code: 1236093

Perfect for the application of anti-growth chemicals.



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