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## **CATADOR-DUPLEX-ULTRA**

Pneumatischer Kaffee-Separator

Pneumatic Coffee Separator

Séparateur Pneumatique à Café

Separadora Neumática de Café



## CATADOR-DUPLEX-ULTRA Pneumatic Coffee Separator

The approved machine for the pneumatic separation of green coffee beans according to specific gravity. A further development of the classical Catador principle. Due to the two separating canals (hence the name DUPLEX) this machine separates the bean intake into two major grades, firstly in full, heavy, healthy beans and secondly in lighter, full beans. Broken beans, ears, worm-eaten and hollow beans are discharged via a third exit whilst the dust-laden air is blown out vertically or laterally from the head of the machine. Intended for use after size and shape grading this machine offers the indispensable supplement to ultimate grading and will normally even eliminate a large part of the discoloured beans thus obtaining a product satisfactory to the maximum possible to the demands of the world coffee market.

### Main characteristics of the CATADOR-DUPLEX-ULTRA:

#### High performance

up to 1500 kg/h depending on type and origin of the coffee on account of the strong double blower in the base of the Catador which is individually adjustable for each of the separating canals.

#### Variability

One- or Two-Grade Sorting as required.

#### Two-Grade Sorting

by differently adjusted air intake to the two separating canals.

#### One-Grade Sorting

even here differently adjusted air intake; rough separating in the first canal, fine separating in the second; thereby higher performance; subsequent rejoining of the two part-grades by the user.

#### Constant grading performance

due to the continuous and automatic cleaning mechanism in the head of the Catador a constant outflow of air is guaranteed and consequently a constant performance is obtained.

**Complete steel construction** guaranteeing great longevity.

#### Shaft bearings

all shafts running on lifetime lubricated and sealed ball-bearings.

#### Distributor roller

in the input hopper assures a uniform distribution even with a varying input.

#### Bagging facilities

Bag holders and slides on each main grade outlet enabling easy bagging at suitable working pace.

Stündliche Leistung Capacidad horaria Capacity per hour Capacité horaire	Fest- und Losscheiben Poleas fija y loca Fast & loose pulleys Poulies fixe et folle	U. p. M. r. p. m.	Kraftbedarf Fuerza requerida Power required Puissance exigée	Gewicht brutto/netto Peso bruto/neto Weight gross/net Poids brut/net	Schiffsmaß Cubaje Shipping space Cubage	CODE
800 – 1500 kos.	250 × 80 mm	700	2,0 kW	690 kg   470 kg	3,4 m <sup>3</sup>	ULTRA
mit Elevator – with Elevator con Elevador – avec Elévateur			2,5 kW	960 kg   600 kg	4,5 m <sup>3</sup>	ULTEL

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