

NEW AUTOMATIC SHOT BLASTING TURBINES:

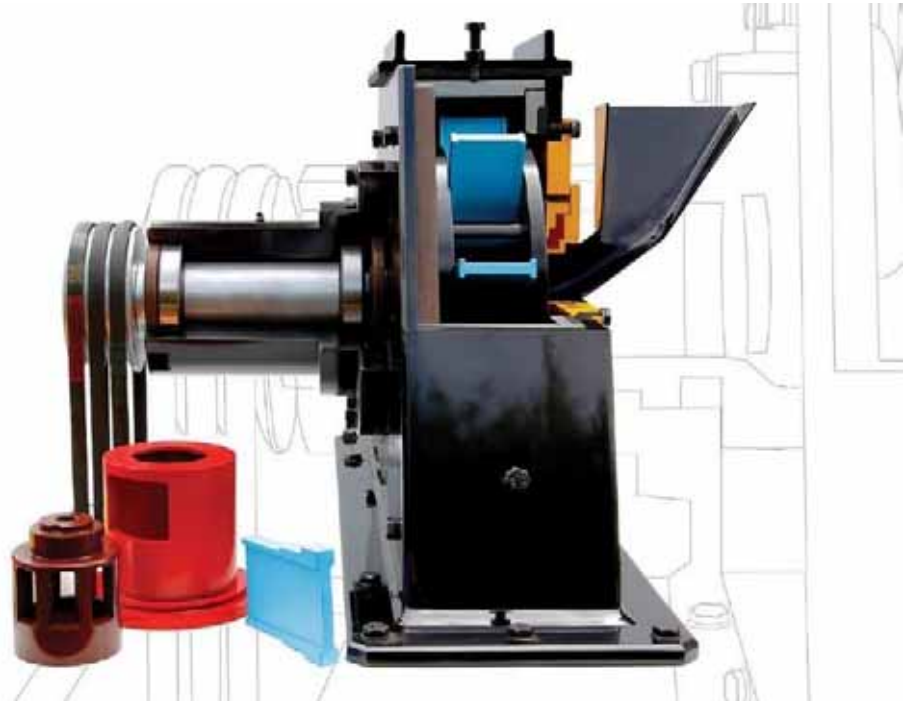
CAPACITIES FROM 5.5 TO 45 kW

<https://www.acroperda.com/en/automatic-shot-blasting-turbines/>

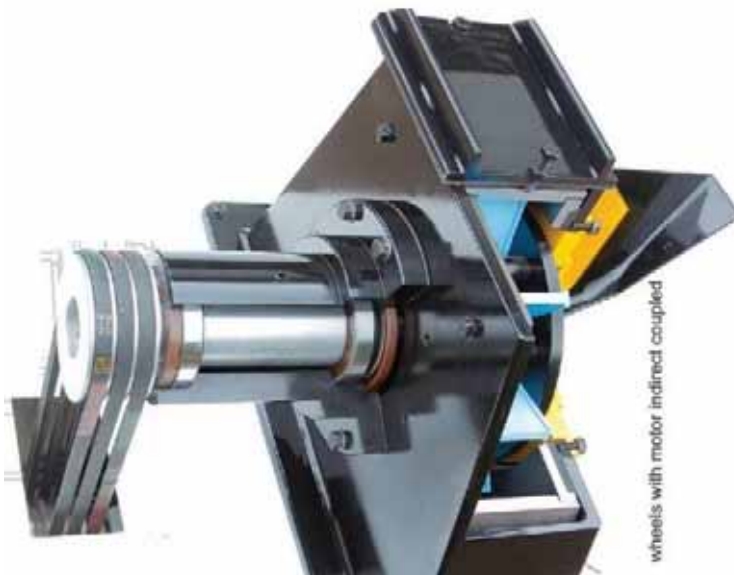
ACRO-PERDA, S.L.

manufactures different types of automatic centrifugal shot blasting turbines.

Our new shot blasting turbines offer our customers a turbine with a simple design that guarantees an excellent steel shot quality and which at the same time is robust and long-lasting, increasing its reliability.



We manufacture two different types of turbines:



- **Straight blade turbine** (Flat).

- **Curved blade turbine** (Gamma Y). Curved blades, in comparison to straight or flat blades, have the following advantages:

- Smaller diameter
- Less operating noise

Our centrifugal turbine is divided into two types:

- **With a motor directly coupled.**

- **With an indirect engine**, coupled by a shaft.

Design Advantages

- Thanks to its design, the housing is extremely easy to maintain and has few screws.

- The interchangeable plates provide added protection against wear of the housing.

- This means less assembly time and lower maintenance and repair costs.

Technical Specifications of our Turbines

Turbine Type	Motor (kW)	Propulsion Diameter	No. of Blades	Motor Transmission	Revolutions per Minute (rpm)	Blade Width (mm)	Blade Type	Weight (Kg)
TP5	11, 15, 18.5	340-380	8	DIRECT	3000	73	Flat/ Y Curve	320 (with engine)
TP7	11, 15, 18.5, 22	340-380	8	INDIRECT	Max. 4000	73	Flat/ Y Curve	250 (without engine)
TP10 TP10M	30, 37, 45	490	8	INDIRECT DIRECT	3000	89	Flat	330 (without engine) 540 (with engine)
CM30	5.5, 7.5, 11	330	8	INDIRECT	Max. 4000	45	Flat/ Y Curve	130 (without engine)
CM30M	7.5	330	8	DIRECT	3000	45	Flat/ Y Curve	180 (with engine)



The side, top and front wear plates protect the interior of the turbine from abrasive wear.

The side plates are easy to install and can be quickly replaced.

The shot blast angle can be selected and adjusted in the control cage, which serves to concentrate the shot blast directly to the hot spot. (The area where the parts are optimally exposed to the steel shot.)

Advantages of our High-Performance Turbines

Competitive prices

Top quality materials and components

Higher flow of steel shot for faster cleaning cycles

Long lifespan of parts

Reduction of downtime

Lower maintenance costs

Quick assembly with no need for special tools

Fewer wearing parts

ACRO-PERDA after-sales service



Refitting or Replacement of Old Turbines

For customers who have had problems with their old shot blasting turbines, we offer a Refitting Service, replacing old turbines with our new ones to increase production, extend the useful life and improve energy efficiency, reducing maintenance and costs.

Fitting a new turbine is possible when the size and capacity of the old turbine are the same. Consult the Technical Characteristics document which includes all of the features of our Centrifugal Turbines to see if replacement is possible or not.

For more information and help, don't hesitate to contact our Customer Service Centre.

Training and Customer Service Centre

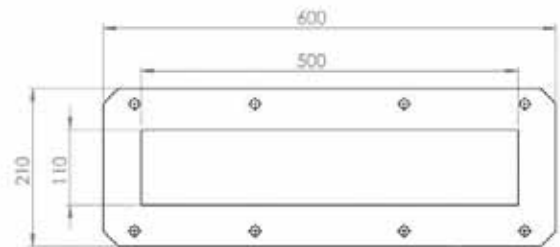
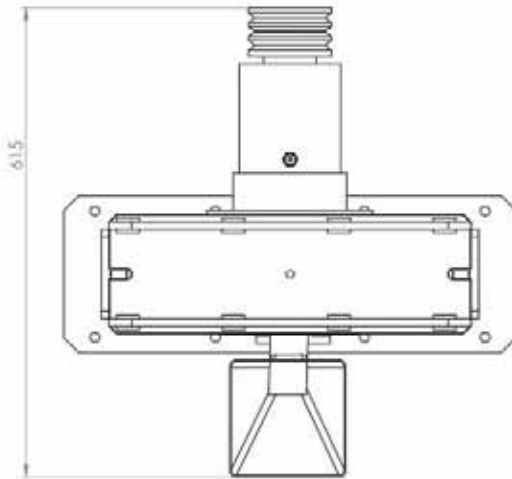
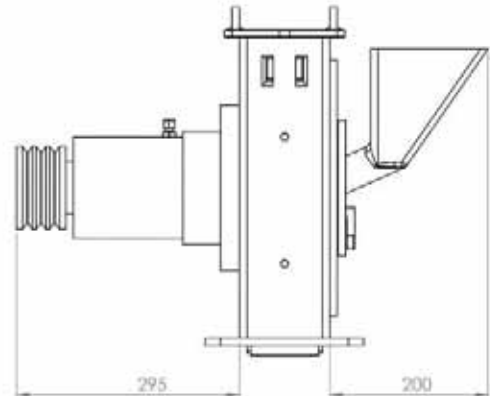
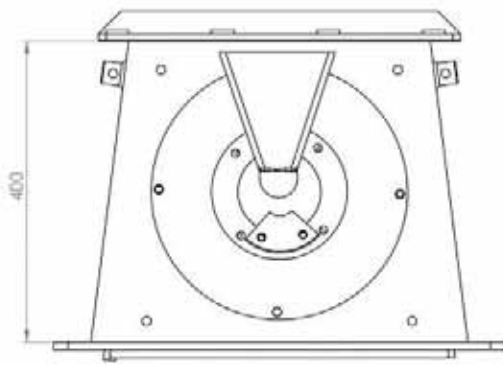
Shot blasting machine customers require an efficient post-sales service and the quick delivery of spare parts. We are able to respond rapidly to our customers' requests and resolve them by telephone or email. If necessary, we can also send an expert to resolve problems in situ.

ACRO-PERDA PRODUCTS AND SERVICES:

- **SHOT BLASTING TURBINE SPARE PARTS:** Over 15 brands and 70 types of different turbines.
ALJU, CARLO-BANFI, MEBUSA, WHEELABRATOR, GEORG FISHER, BMD, SCHLICK, DISA, PANGBORN, COGEIM, TOSCA, OMSG, KONRAD-RUMP, TAF GUTTMANN, CM, GIETART, KONRAD RUMP, SIRSI, V&S, SELMER, RÖSLER
- **NEW TURBINES:** From 5.5 to 22 kW Direct and indirect transmission.
- **Shot blasting machine FILTERS, BUCKETS and ELEVATOR BELTS, BRUSHES.**
- **WEAR-RESISTANT HOOKS:** We manufacture *wear-resistant hooks with a hardness of 55 HRC, which extend the hook's useful life by up to 5 times or more.*
- **ANTI-ABRASION BLACK RUBBER 65SH:** Interior protection of shot blasting machine. Supplied in rolls of varying thickness.
- **DADO TACHÓN:** Hexagonal nut with a protective cap, made of **wear-resistant** materials (protecting screws from abrasion).
 - *Application:* Attaching rubbers, blast chamber plates, etc... in places where there is wear due to dust, soil, shot or any other type of abrasive material.
- **WEAR-RESISTANT SOLUTIONS:** Manufacture of parts using **wear-resistant materials** of different types, in both **high wear-resistant castings** and **hard metal machining** of different qualities.
- **CONVEYORS FOR SHOT BLASTING MACHINES:** *Manufacture and products for repairs.*
- **CONVEYOR BELTS** with all types of hot vulcanised covers.
 - *Ribbed belts, side cleats, side walls, products for assembly and repairs.*
- **PURCHASE/SALE OF 2ND HAND SHOT BLASTING MACHINES:** Given our extensive knowledge of the shot blasting machine market, we can help customers interested in the purchase/sale of shot blasting machines from different sectors, including casting, forging, heat and surface treatment and painting, both national and European.
- **Smelting FURNACES and Heat Treatments:** ACRO-PERDA sells furnaces by the German multinational **Nabertherm** in the Heat Treatment and Smelting sector in Spain.

Technical Specifications of wheels

TYPE: CM30

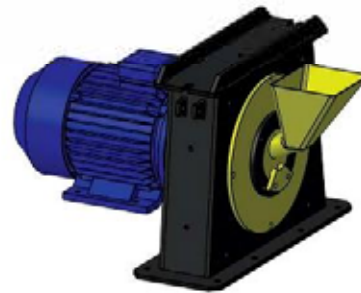
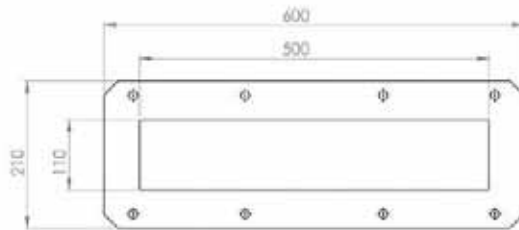
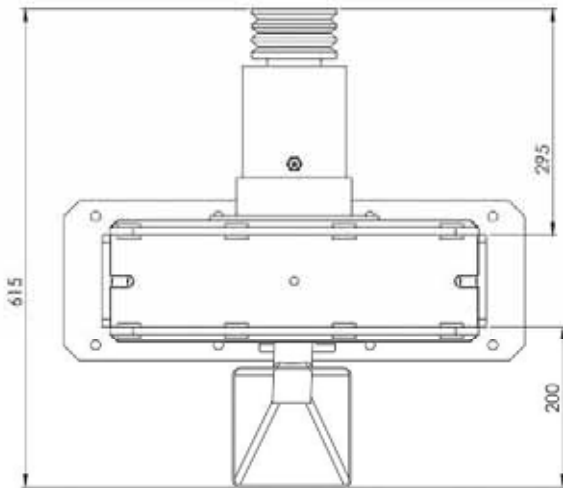
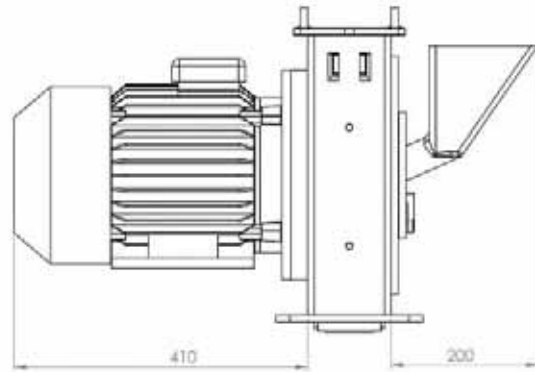
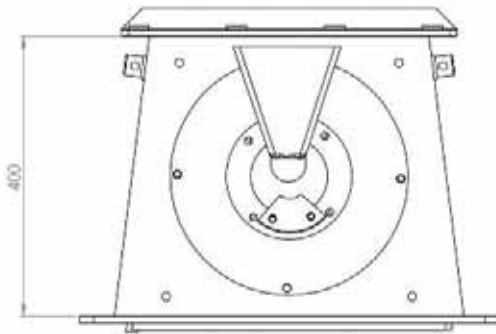


wheel type	Motor (kw)	propel diameter (mm)	No of blade	DRIVE	Round per minute (rpm)	Blade width (mm)	Type of blade	Weight (kg)
CM30	5.5,7.5,11	330	8	INDIRECT	MAX 4000	45	Flat,curved	130



Technical Specifications of wheels

TYPE:CM30M

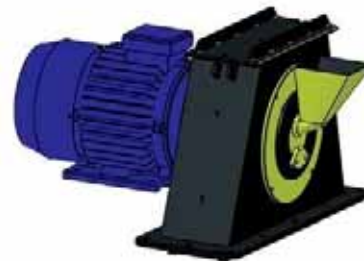
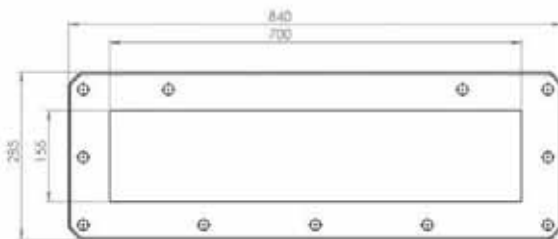
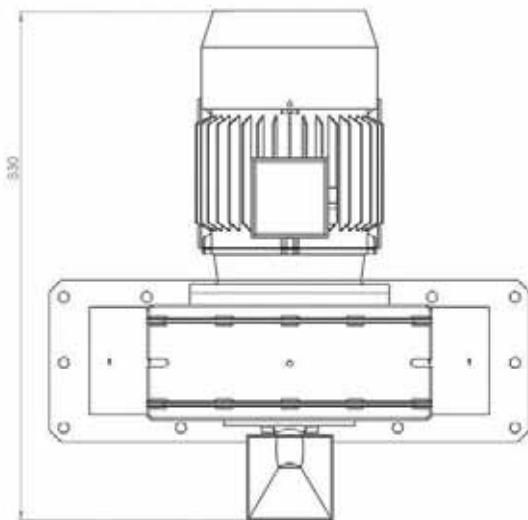
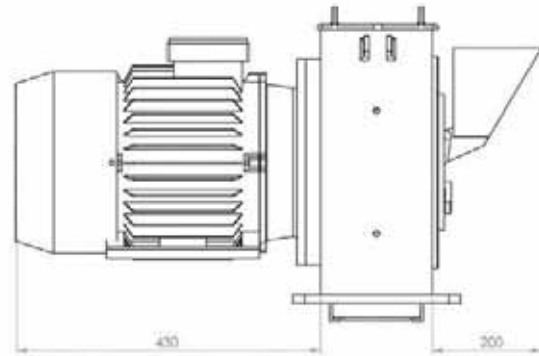
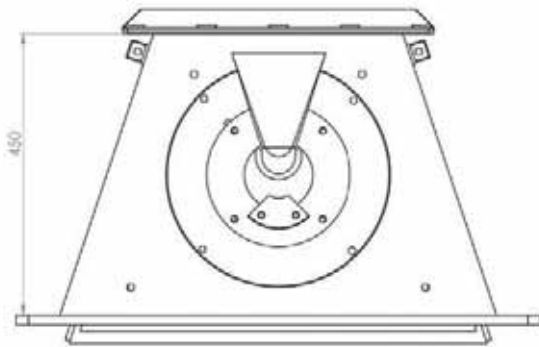


wheel type	Motor (kw)	propel diameter (mm)	No of blade	DRIVE	Round per minute (rpm)	Blade width (mm)	Type of blade	Weight (kg)
CM30M	7.5	330	8	Direct	3000	45	Flat,curved	180



Technical Specifications of wheels

TYPE:TP5

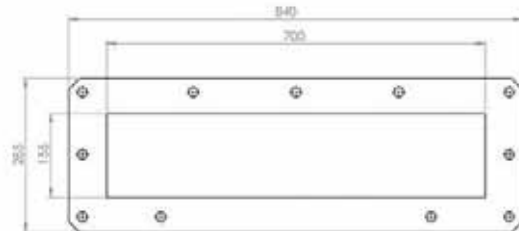
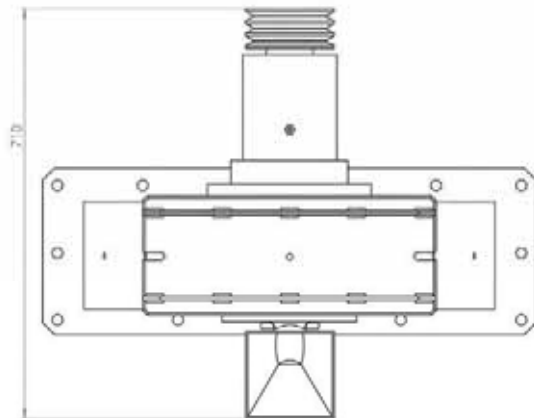
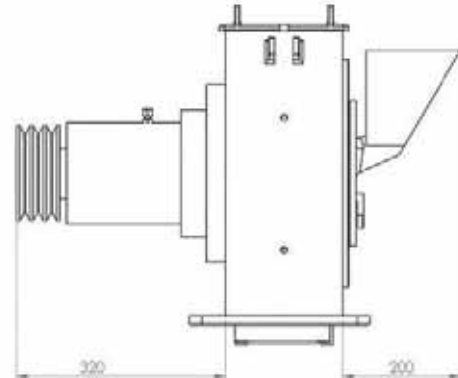
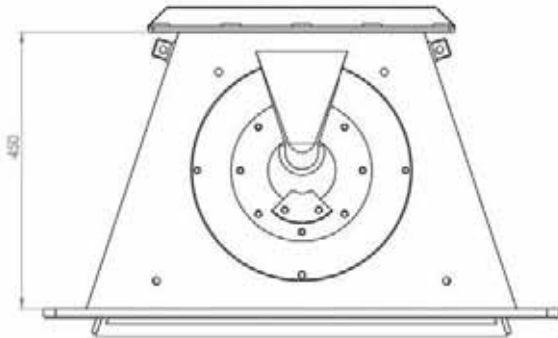


wheel type	Motor (kw)	propel diameter (mm)	No of blade	DRIVE	Round per minute (rpm)	Blade width (mm)	Type of blade	Weight (kg)
TP5	11,15,18.5	340-380	8	Direct	3000	73	Flat,Gama (Y),Curved	320



Technical Specifications of wheels

TYPE:TP7

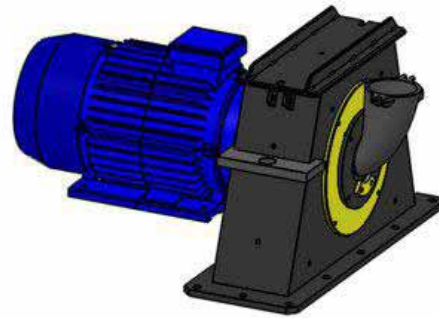
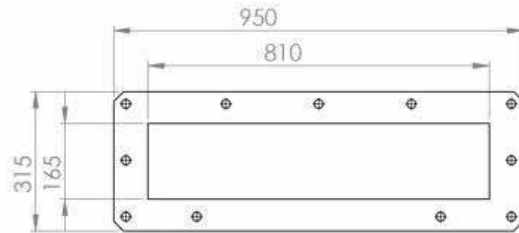
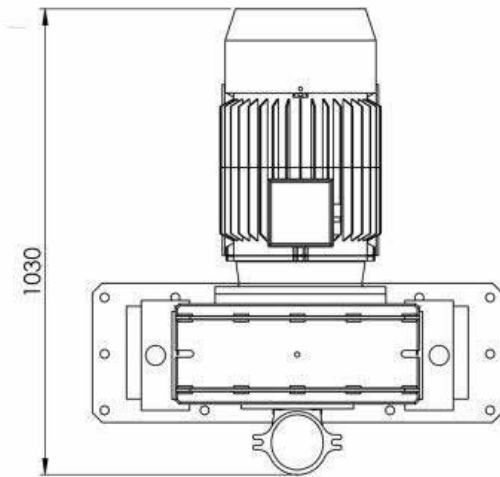
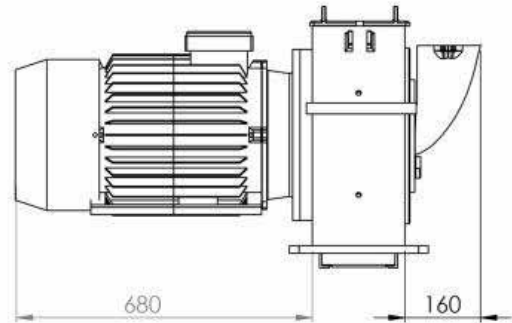
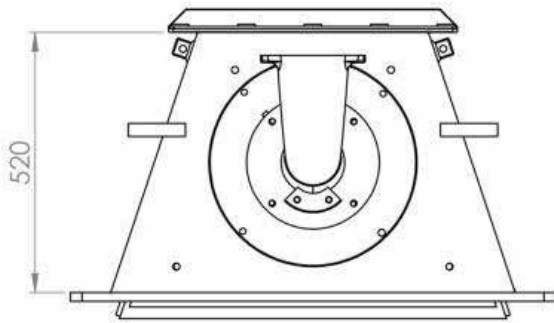


wheel type	Motor (kw)	propel diameter (mm)	No of blade	DRIVE	Round per minute (rpm)	Bladewidth (mm)	Type of blade	Weight (kg)
TP7	11,15,18.5,22	340-380	8	INDIRECT	MAX 4000	73	Flat,Gama (Y),Curved	250



TECHNICAL SPECIFICATION OF WHEELS

TYPE: TP10M

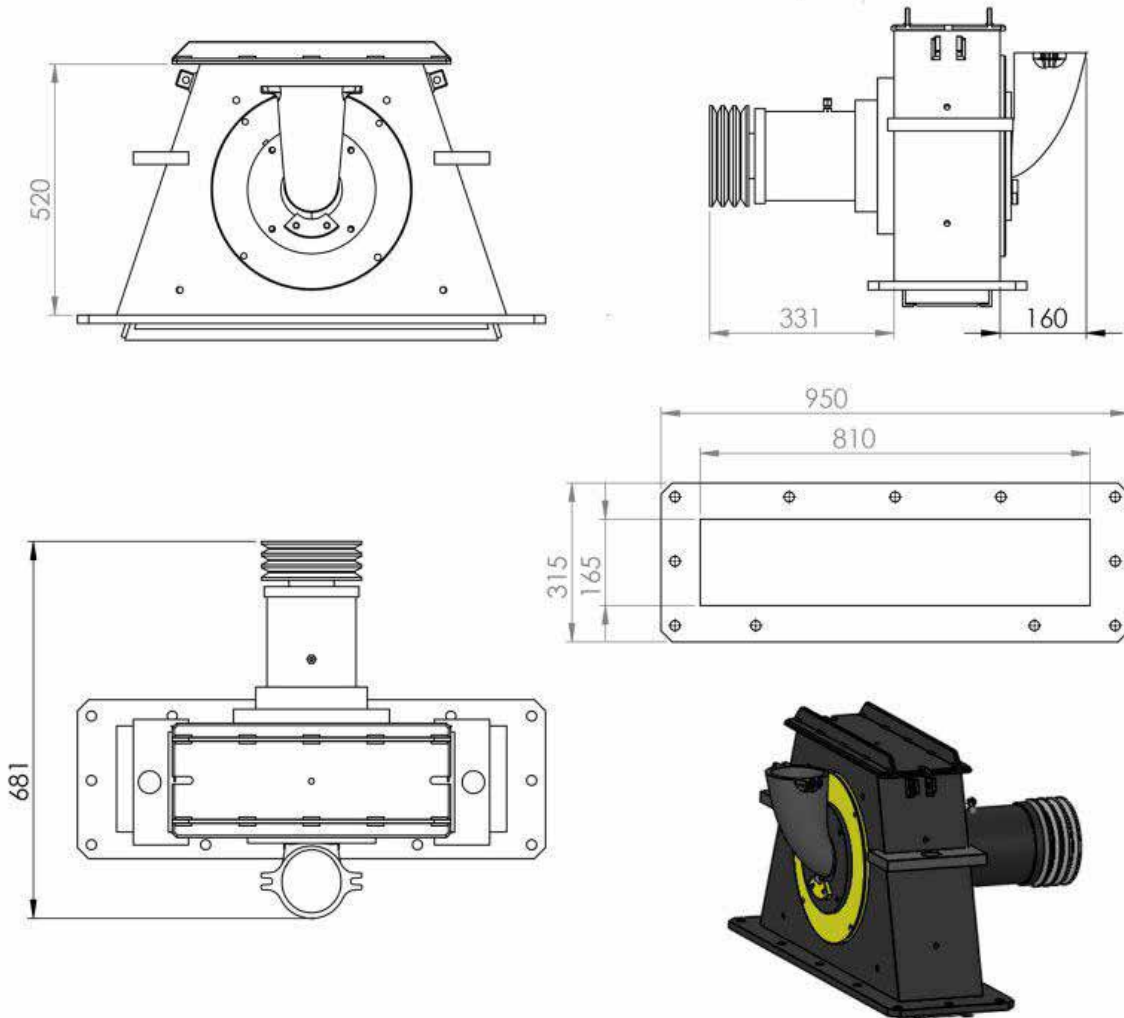


WHEEL TYPE	MOTOR POWER (kw)	PROPEL DIAMETER (mm)	No. OF BLADE	DRIVE	SPEED OF MOTOR (rpm)	BLADE WIDTH (mm)	TYPE OF BLADE	WEIGHT WITH MOTOR (kg)
TP10M	30,37	490	8	DIRECT	3000	89	FLAT	540



TECHNICAL SPECIFICATION OF WHEELS

TYPE: TP10



WHEEL TYPE	MOTOR POWER (kw)	PROPEL DIAMETER (mm)	No. OF BLADE	DRIVE	SPEED OF MOTOR (rpm)	BLADE WIDTH (mm)	TYPE OF BLADE	WEIGHT WITHOUT MOTOR (kg)
TP10	30,37,45	490	8	INDIRECT	3000	89	Flat	330



