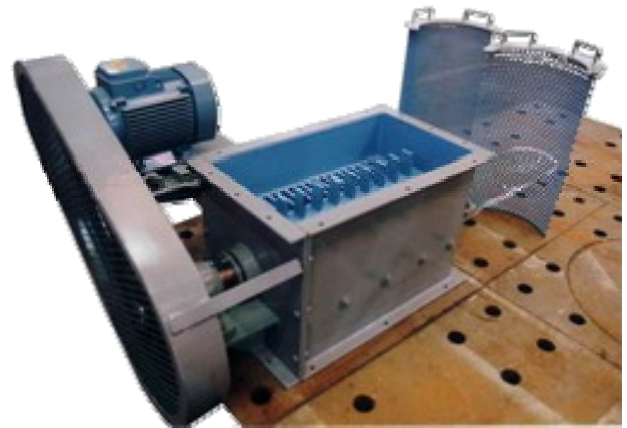


GRUBER HERMANOS crushers are indicated for milling processes involving soft and brittle materials. They are also used in pre-milling stages, in order to reduce expenses in a subsequent milling process.

The constructive characteristics of this equipment are founded on the **simplicity of its construction** and on an **over-dimensioned shaft** capable to support all the strain generated in the breaking process.

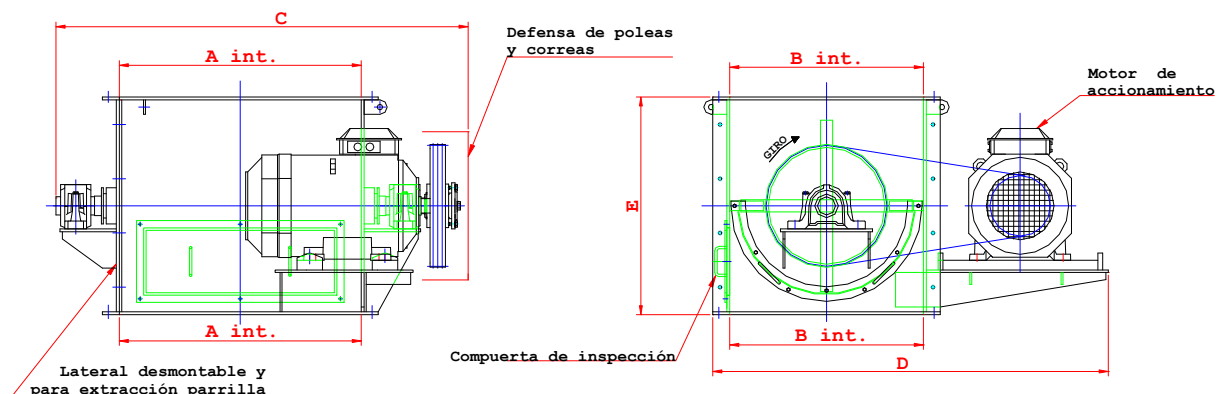
This translates into a very long, **maintenance free**, working life for the crusher.



D-300 type rushe, carbon steel construction, detail of replaceable grids.

Usual versions:

- Crusher-engine ensamble (according to sketch)
- skid-mounted
- with feeder hopper
- with flanges (link to other milling equipments)
- For more versions, please contact us.



TIPO	KW (HP)	CAPACIDAD Tm/h (**)	A	B	C	D	E
D 100	1,5 (2)	4	100	200	580	550	220
D 300	3 (4)	5	330	265	745	695	300
D 400	4 (5,5)	10	400	330	900	875	360
D 500	5,5 (7,5)	15	500	400	1 000	920	500
D 700	7,5 (10)	20	700	400	1 320	990	500
D 800	11 (15)	25	800	500	1 500	1 100	600
D 1 000	15 (20)	30	1 000	600	1 750	1 430	650
D 1 200	22 (30)	40	1 200	600	1 850	1 430	700
D 1 500	30 (40)	50	1 500	700	2 380	1 750	900

* Aprox. Measures in millimeters

** Production calculated with grids holes of 10 mm. And with minerals with a hardness of 3 MOHS.

***For other meassures please consult us.

GRUBER HERMANOS, S. A.

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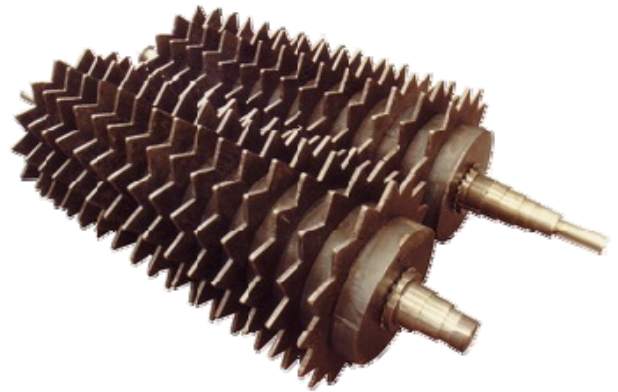
www.gruberhermanos.com

Operation principle

These type of crushers have a rotor with radial elements that run at a very high speed. The introduced material is pushed through the rotor and is forced to pass between the static part of the casing, generating the breaking of the material and the reduction of the particle size.

The distance between the radial elements and the static parts of the casing is going to determine the size of the final material's size.

If it is requested and needed, it is possible to put a **grid** in the bottom part of the crusher to **assure** the maximum particle's size.



Rotor of a crusher specifically designed for breaking soft materials.



Crusher set on top of a Duplex 25 AME Mill feeder, set for the pre-milling function.

The heavy rotors of our crusher-breakers are built with **high grade wear resistant materials**. As they are supported by bearing blocks placed away from the main body, and rotary parts turn at a rather slow speed, the milling process happens to be clean and virtually free of dust.

The unique design of our crushers makes a **long useful life** possible and **reduces maintenance need**.

When the crusher is equipped with a grid, a screwed lid is fitted to one side of the machine so that the interchange of grids is made simple.

If you want to know more about machinery/equipments manufactured by **GRUBER HERMANOS**, do not hesitate to contact our technical department. They are at your disposal and will provide a **solution** tailored to your needs.

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