



Expanders



*Finest expanders
in the world*



TNL TECNAL
TOGETHER IN THE

AND COTTOR
INDIAN MARKET.

TNL TECNAL was the first company in the world to design and manufacture, in 1978, expanders for application in seed preparation for oil extraction. Since then, TNL TECNAL has been continuously innovating and updating its Expanders.

Years of experience have lead TNL TECNAL to have the most reliable and efficient expanders in the world, with more than 500 expanders running successfully in more than 200 customers around the world.

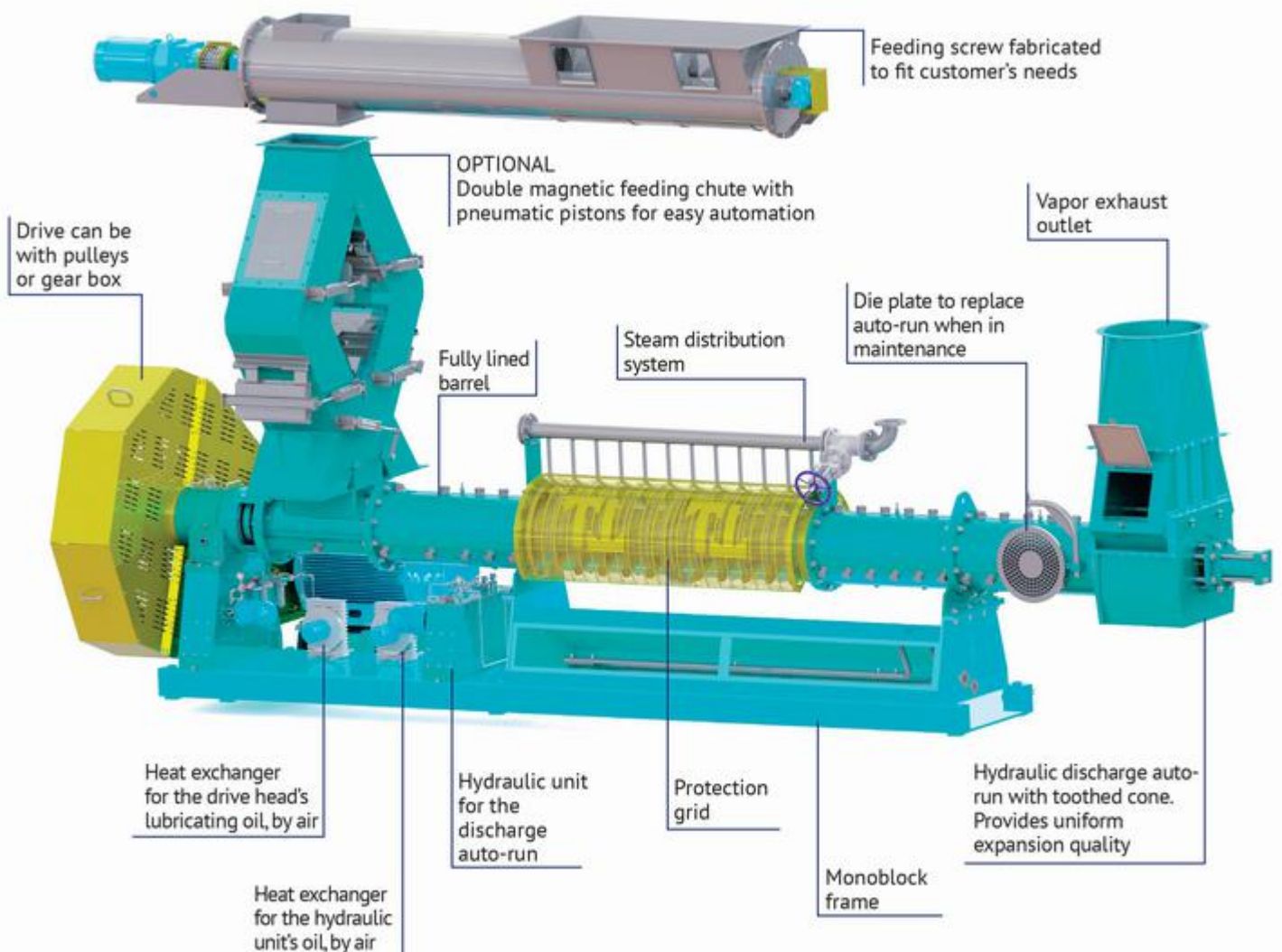
TNL TECNAL Expanders provide maximum efficiency and minimum wearing, thus low maintenance cost.

NEW

EXP-450

4,000 TPD

The largest expander in the world



Main Dimensions

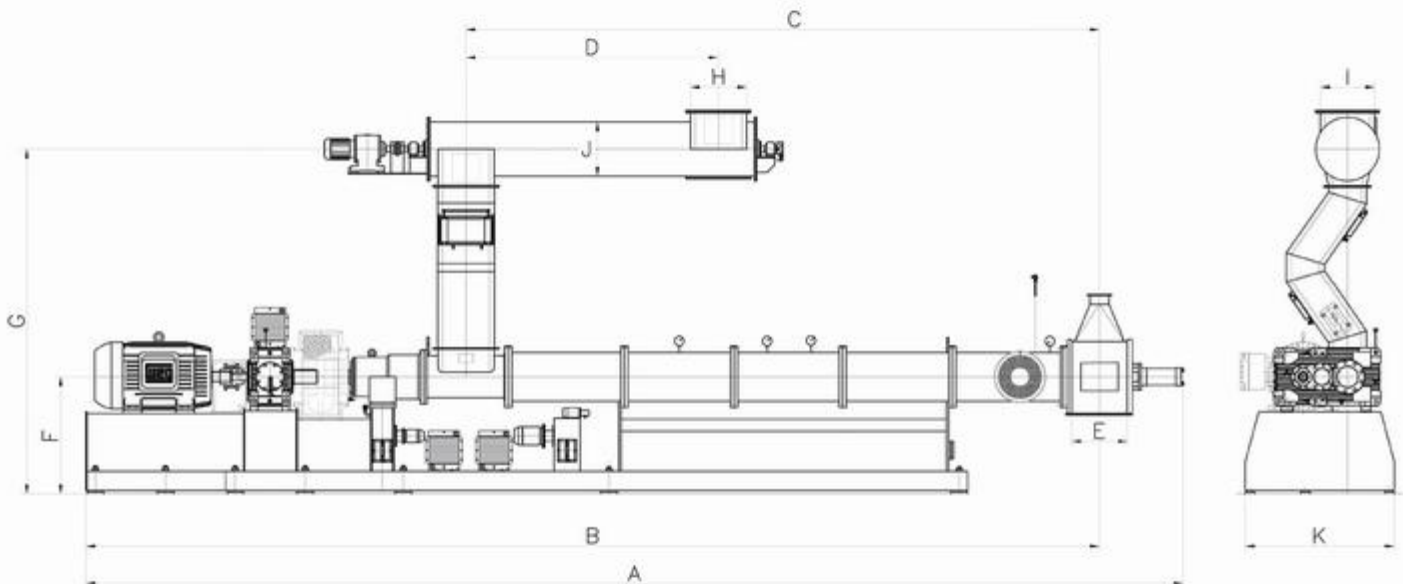
MODEL	Ø Barrel	A*	B	C	D	E	F	G	H	I	J	K
EXP-205	200	6830	6050	3105	1355	400x400	675	1550	250	270	Ø 10"	1000
EXP-250	250	7187	6337	3466	1400	500x500	924	2139	370	370	Ø 14"	1200
EXP-275	275	7509	6729	3761	1830	500x500	924	2304	430	430	Ø 16"	1300
EXP-305	305	8364	7513	4555	2330	500x500	1019	3144	420	480	Ø 18"	1250
EXP-350	350	9620	8770	4870	2300	500x500	1169	3534	450	530	Ø 20"	1600
EXP-400	400	11753	10853	6780	2700	600x600	1250	3690	600	580	Ø 22"	1600
EXP-450	450	12133	11233	6780	2850	600x600	1275	4760	700	635	Ø 24"	1600

*The length may change according to the drive type.

With drainage cage, the overall length increases 1,200 to 1,500mm.

Dimensions in mm.

Technical data of equipment may be modified without previous notice.



Features

- Capacities up to 4,000 tpd - soybean basis.
- Discharge by hydraulic toothed cone.
- Sectioned barrel with flanges and wearing liners.
- Can be equipped with drainage cage for high oil content seeds without the need of expeller presses.
- Two options of drive: by pulleys or by speed reducer.
- Single or double magnetic feeding chute.

Drainage Cage

Tecnal expanders can be equipped with drainage cage for high oil content seeds (so, expeller presses are eliminated). About 1/3 of the oil can be removed in the drainage cage.



Capacities - TPD

MODEL	POWER (hp)	SOYBEAN	OUT PUT COTTON / SUNFLOWER / RAPESEED CAKE	RICE BRAN
EXP-205	100	200	120	80
EXP-250	150	600	360	300
EXP-275	175	800	480	400
EXP-305	250	1200	750	600
EXP-350	400	2000	1200	1000
EXP-400	600	3000	1800	1500
EXP-450	750	4000	2400	2000

Indicated capacities are for reference only as they may vary according to the features of the feeding material.

For other seeds, please consult Tecnal.

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We reserve ourselves the right to modify or to stop manufacturing the equipment or to modify any of its specifications without previous notice.

Tecnal Around the World



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