



**150 to 600 ton/day oilseed processing capacity**  
*Hard Faced Wear Parts & Spare Parts for Longer Lifetime*  
*Low noise & High Performance with Planetary Gearbox*  
*Simple Operation & Low Maintenance*  
*Competitive prices & Short delivery time & Long service life*  
*With the best automation systems, everything is under your control*

HUM Oil Screw Presses have been developed to meet the demands by using the most advanced technology and engineering:

HUM Pre-Presses are designed for the next solvent extraction stage or as a prior stage for the secondary pressing operations.

HUM Full Presses are designed to yield as much as oil with a single finish pressing, and are used in places where there is no solvent extraction

HUM Cold Presses are designed for pressing the oilseed in a single stage at low temperature without pre-heating.

APPLICATION		Full Press			Pre-Press		
MODEL		NYP-15F	NYP-30F	NYP-60F	NYP-15	NYP-30	NYP-60
Capacity (ton/day)	Sunflower, Canola	25-35	50-60	90-100	130-150	250-300	500-600
	Soy, Cottonseed	50-60	90-100	160-170			
Oil content in cake (%)		5-8			17-20		
Main motor power (kW)		75	160	315	110	250	500

# FEATURES

- **PLANETARY REDUCER** provides silent operation, infinite lifetime and high efficiency with oil cooler system which has low oil consumption, operated with cooled oil circulation. Reducers that are used in presses and cookers are planetary type reducers which guarantee the most efficient, silent and non-vibrating operation in a compact volume.
- **HARD FACED WEAR PARTS** and spare parts consist of unique welding process, multi-layer hard facing, pure alloy on the final surface, high abrasion and corrosion resistance. The wear parts of screw presses (worms, collars, cage bars) are under the guarantee of HUM for 18 months in operation time.



- **WORM & COLLAR** are made of special alloy, strengthened by heat treatment or custom manufactured with armor as an alternative. Worms are designed to receive maximum yield from the presses and they have been specially processed

and manufactured from materials with the longest life span. Surfaces are upgraded to high hardness value in order to have optimum lifetime.

- **FREQUENCY CONTROLLED FEEDING SCREW**; speed adjustment of feeding screws is controlled by frequency and they are designed to obtain maximum feeding according to features of the raw material. Revolution of the feeding screw is controlled with frequency adjustment, thus maximum operation capacity of the press is ensured. Feeding screw is driven by a reducer motor.

HUM OIL SCREW PRESS			
Overall Dimensions:	NYP 15	NYP 30	NYP 60
- Length (mm)	4900	5200	7200
- Width (mm)	900	1000	1200
- Height (mm)	1600	1600	1700
- Inlet height (mm)	2050	2050	2250
Weight:			
Excluding main motor (kg)	11.300	12.400	25.000

- **MAIN SHAFT** provides the best efficiency by cooling with the continuous water circulation system. The press main shaft is drilled and equipped with a stainless steel pipe and a special sealed cooling system to provide continuous cooling water circulation.
- **HYDRAULIC CAGE OPENING SYSTEM**; when cage is needed to be opened or closed, the system opens and closes the cages very easily with the help of a strong telescopic piston and an electric hydraulic power unit.



## REFERENCES

- Bonoil - Bulgaria
- Kimia Dane - Iran
- Garant - Ukraine
- Tiryaki - Turkey
- Klas Olio - Bulgaria
- Altınyag - Turkey
- Zvezda - Bulgaria
- Transoil - Moldova
- Seçer Tarım - Turkey
- Eximagrokom - Ukraine
- Noble - South Africa
- Efko - Russia
- Konya Şeker - Turkey
- Doğa Gıda - Turkey
- Mitterer GmbH-Avusturya
- Negin Daneh-Iran

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