

MAS helical geared motors of the type series MINI REX used in bakery machines

The Company König Maschinen Gesellschaft m.b.H. with its office in A-8045 Graz develops, produces and distributes highly qualified bakery machines worldwide. As compact power packs Watt Drive drives of the MAS geared motors programme are used among others in MINI REX head machines as specially designed models...



MINI REX AND MINI REX FUTURA (Picture 1).

The 2-pocket head machine programme of the company König stands for fully automated dividing and molding of wheat- and mixed doughs with a max. 40% share of rye. The high output of 1500 to 3000 pieces per hour at an optimal cost/performance ratio presents the Mini Rex as an ideal solution for shop bakeries and industrial establishments.

Product characteristics:

- Fully automated dividing and grinding of doughs
- Easy one-man operation
- 1500 to 3000 pieces stepless hourly output
- Stainless steel design
- Chamber funnel with 10kg dough capacity
- Optional with wheeled base frame

The MINI REX can be used as a solo machine as well as in combination with small pastry equipment.



Picture 1: Baking machine MINI REX

The drive concept has been transmuted through a helical geared motor. A build on chain drive realises the necessary motion sequences. Picture 2 shows the cramped conditions in the inner section of the machine. A special gear housing developed according to the customers' needs matches the spatial conditions.

Specification of the geared motor:

Type: HU 55A 80N6

The gear bases on the MAS modular system and has been constructed individually for the company König with a specially designed housing and a tailor made output shaft matching the application.

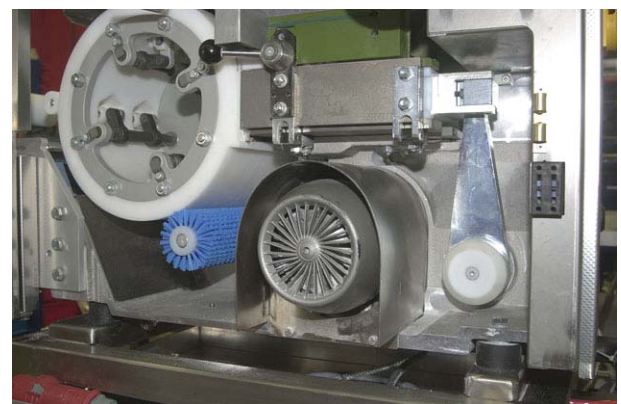
Advantages for the customer of the flexible MAS modular system:

- Short development time
- Openness towards special solutions
- On schedule realisation of customers' objectives
- Close cooperation with suppliers

Watt Drive always endeavours to develop innovative special solutions together with the customer through continuous optimisation of the product programme. Thus the company König can obtain product advantages in competition.

Technical data of the drive:

| | |
|---------------|-------------|
| Sizes: | H.55. |
| Power range: | 0.12 - 4kW |
| Torque range: | 270Nm |
| Reductions: | max. 342.63 |



Picture 2: Implemented drive gearmotor

Further information concerning the Watt product programme can be obtained on our website www.wattdrive.com.