

2/ CHALLENGER
COMPETITION IS OVER



Many years ago, Bekir TÜRKMEN asserted that he would be able to operate row independent silage machine with 75 hp by introducing CHALLENGER 2 concept that he developed new. In the beginning, no one thought that it could be possible. Because it was just an imagination that being operated that machine via a tractor less than 100 hp in those years. However, on the contrary of expectation, name CHALLENGER turned into a great legend as CHALLENGER's appeared in field by spreading its success word of mouth. Çelikel having obtained 20% proportion first year, having obtained 45% proportion second year from the market, put the flag top in its third year by selling more machine than its total rivals. This rising was a sign that rules would be written in sector of silage machines by ÇELIKEL after that. Then, if name CHALLENGER comes to mind today when silage machine is said, this is because it achieved impossible!



FORAGE HARVESTERS

Challenger 2® Row Independent Forage Harvester is designed to harvest maize and various feed plants which are taller than 1 meter disregarding the row thanks to the wide reaping rollers unit. The machine executes its task even in difficult conditions. It does not exhaust your tractor due to its lightweight. You can be sure that its strong construction will handle pits, bumps and all the other extraordinary conditions.



ROTATING FUNNEL



FUEL SAVING



■ PATENTED FLYWHEEL®

Flywheel system consists of 12 pieces of knives and 12 pieces of sweeping paddles. Thanks to these you will have perfect cutting quality and long range blowing.



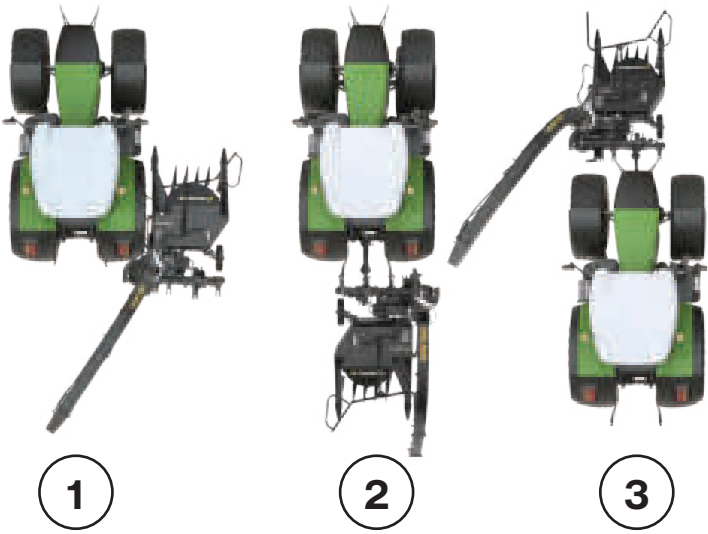
■ SUPERBLOW®

ÇELİKEL® created a system that has been added with fully balanced operation of the sweeping paddles and the inlet of the hydraulic funnel, thereby increasing the blowing force. Also we aimed to provide you with the efficiency that you desired by increasing the blowing capacity and the performance of sweeping paddles.



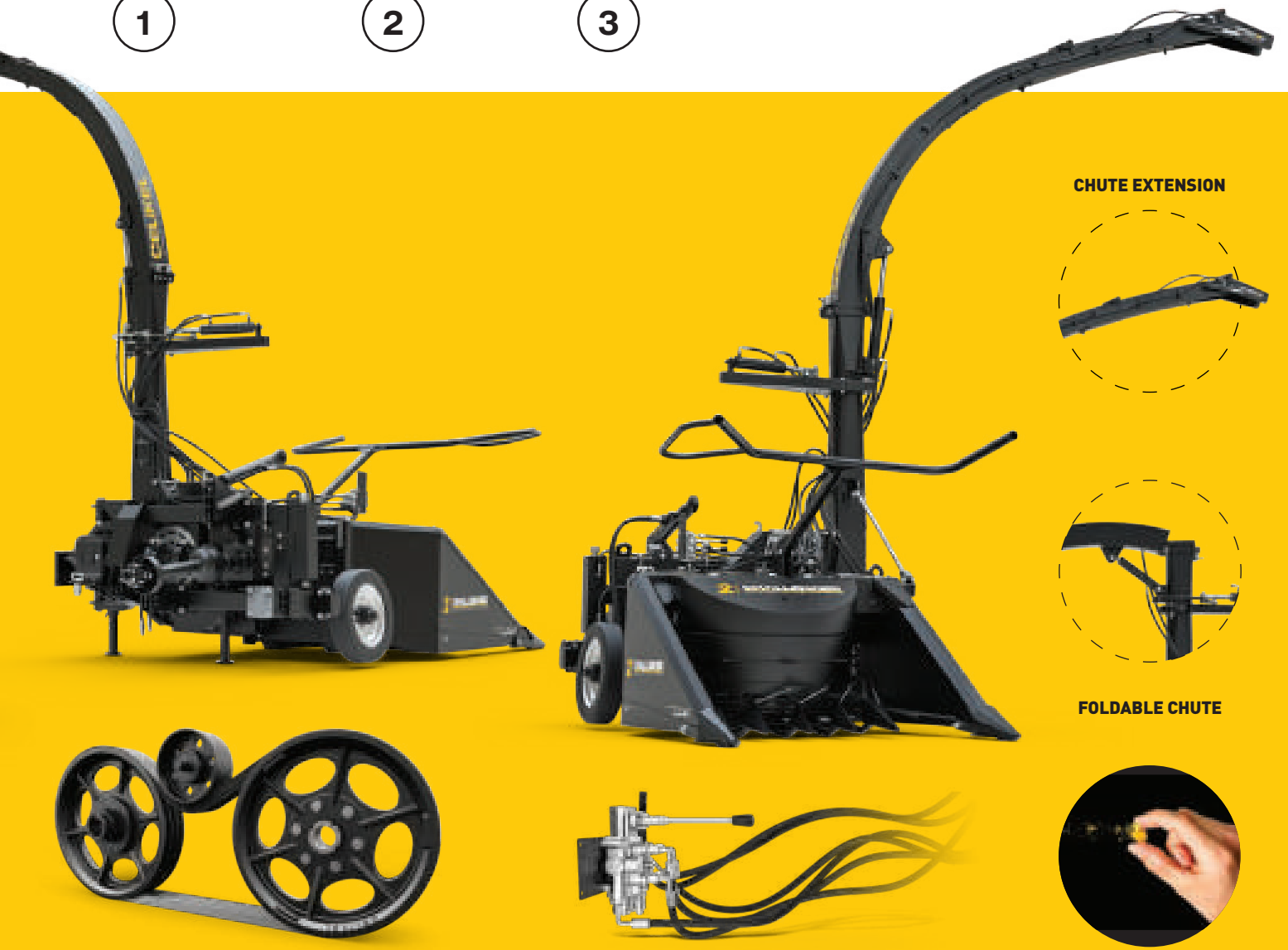
■ 540-750-1000 RPM CHOICES

The independent two-row forage harvester, adaptable to different tractors, offers attachment options to the front, rear and side of the tractor. With transmission RPM options such as 540, 750 and 1000, it enables the most efficient operation.



THREE DIFFERENT WAYS TO WORK

Challenger 2® offers alternative harvest methods alongside with regular ones. This machine has the ability to be mounted in the front, on the sides and at the back of the tractor to harvest. Foldable chassis: It is easy, practical and functional to fold and unfold. In addition, the fixing of the machine in the desired position is carried out only with the help of the cover, which prevents loss of time and labor costs.



CHUTE EXTENSION

FOLDABLE CHUTE

■ PATENTED BELT STRETCH SYSTEM®

Gears in the machine are supposed to take the power they have received from the PTO to make sure the machine is running smoothly. Power transmission through the gears are being done by hoops and belts and thus helping the user with spare parts, maintenance and repair.

■ INDEPENDENT HYDRAULIC SYSTEM

In addition to being economical, Celikel follows the principle of realizing a top-class product in terms of the options included in the package. Therefore, Challenger® is equipped with completely independent hydraulic system.

■ CORN GRAIN BREAKING

As Çelikel® we care about your animals' daily nutrition and energy needs. To increase the efficiency of maize silages you make we added corn grain breaking feature to Challenger 2®.

CHALLENGER

2 ROWS MAIZE CHOPPER

WORKING WIDTH	125 cm
WORKING CAPACITY *	4000 - 4500 m ² /hr
MINIMUM POWER REQUIREMENT**	56 kW (75 hp)
PTO WORKING REV	540 / 750 RPM (Optional)
WORKING POSITION	FRONT (Optional) / RIGHT SIDE / BACK
SWEEPING PADDLE NUMBER	12
CHOPPING KNIFE NUMBER	12
SHREDDING KNIFE NUMBER	12
FIXED KNIFE NUMBER	1
SHREDDING SIZE***	ADJUSTABLE (3 - 10 mm)
WHEEL SIZES	165x70x13
WHEEL NUMBER	1
THREE POINT LINKAGE	CATEGORY II - III
LENGTH (WORK POSITION)	2679 mm (Side position), 2750 mm (Back position)
HEIGHT (WORK POSITION)	4130 mm
HEIGHT (ROAD POSITION)	2460 mm
WIDTH (WORK POSITION)	4190 mm
WIDTH (ROAD POSITION)	1985 mm
WEIGHT	1350 kg
INDEPENDENT HYDRAULIC	Standard
HYDRAULIC CONTROL PLACEMENT	NEXT TO OPERATOR (INSIDE THE CABIN)
CIRCULAR KNIFE NUMBER	6
CORN GRAIN BREAKING AND SHREDDING SYSTEM	ON TOP OF SPECIAL DESIGN CHOPPING KNIFE, - SHREDDING KNIVES, - OPTIONAL INSIDE RESERVOIR GGG60, - CAST BREAKERS
SECURITY SYSTEM	POWER TRANSMISSION BELT
MACHINE MOVEMENT TRANSMISSION	GEARBOX AND FLEXIBLE TRANSMISSION COMBINATION
HYDRAULIC MIDDLE LEVER	Standard
TEMPORARY RUNNING REVERSE	