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# EL

Power tillers

EL 62 - EL 82 - EL 92



SOIL PREPARATION AT ITS BEST!

### Multiple use professional power tillers



The EL 62, EL 82 and 92 KUHN power tillers are the fruition of generations of experience with soil preparation and the result of many years of research and development. Particular care has been given to 4 fundamental criteria:

- a design for demanding vineyard, market garden, horticulture and tree nursery professionals
- a high level of versatility and adaptability
- a machine equipped with simple adjustments enabling fast adaptation to all situations
- high reliability and long life for your peace of mind.



#### High-performance and robust implements

The rotor drive (case hardened forged steel gearwheels) and a frame made up of a large box section casing provide great robustness to the EL 62, EL 82 and EL 92.

#### Compact to suit vineyards and orchards

Thanks to a slim overall to working width ratio, a well positioned centre of gravity and a smooth profile.



#### Versatile and efficient

The large diameter rotor with C-blades ensures an important clod crumbling and mixing of plant residues: ideal for working in green spaces.

## Common points...



### Central gearbox

- The heavy cast iron central gearbox is designed for tractors up to 48 kW (65 hp) for the EL 62, 63 kW (85 hp) for the EL 82 and 74 kW (100 hp) for the EL 92. The set back position of the gearbox reduces PTO angles.
- A friction slip clutch fitted as standard protects the drive train. On the EL 92, the Duplex gearbox offers 2 standard speeds (194/230 rpm). Two additional speeds are available as optional equipment (178/252 rpm).
- The EL 62 Duplex gearbox offers 2 speeds (206 or 245 min<sup>-1</sup>) by inverting the gearwheels.

### Rear hood

The rear hood is double skinned and fitted with a safety spring to handle difficult conditions. It includes a hinge over the full width and a simple and efficient adjustment by pin. The optimized rear hood curve provides good soil flow, leveling, and finish meeting the requirements of market gardeners and horticulturists.



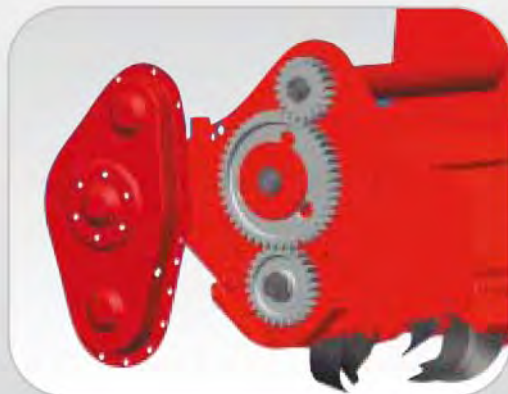
### Box-type construction

The cross casing forms a one-piece frame providing high rigidity and resistance to distortion. The front tube integrated in the casing increases the unit's robustness and enables fitting further equipment.



### High tech sealing

The lower gearcase is fitted with a **metallic face seal (A)**. A solution suitable for work in wet rice fields which offers a very high level of performance and resistance to leakage or contamination.



### Side gearbox

The rotor is driven by case hardened forged steel gearwheels mounted on conical or double row roller bearings for a high drive capacity.

To be No. 1, requires work...

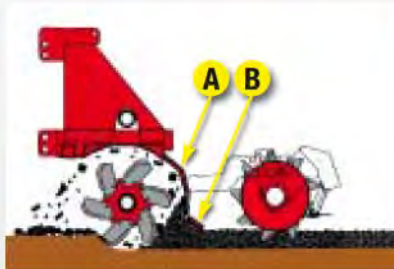
## Efficiency - Versatility - Adaptability



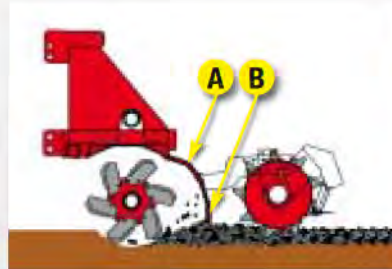
### Progressive lateral offset

EL 82-130 to 180 power tillers can be offset to the right up to 22 cm/8" (and up to 11 cm/4" on the EL 92-180). This progressive offset is obtained by sliding the 3 yokes for an adaptation to all situations.

EL 62 power tillers can be offset to the right up to 20 cm/7" (except model 210: fixed).



Important recycling for a high crumbling degree



Large volume behind the rotor in wet conditions or in plant residues



The pressure spring allows good soil flow control and levelling

3



### A match for all situations

The design and exclusive shape of the hoods (in an arc of circle A + reversible levelling extension B) enables fast and efficient adaptation to all conditions:

- work at shallow or deep depth,
- dry or wet conditions,
- plant residues.



### Depth control

On all models, working depth is controlled and adjusted by means of skids (1) or wheels (2). On widths of 1.80, 2.05 and 2.30 m, depth control can be adjusted by means of a roller. Crumbler roller (3): large diameter (390 mm/15") and removable bars provide a good working capacity.

Packer roller (4): with a diameter of 485 mm/19", is recommended for work in very wet conditions or clay soils.



### Rotor

The rotor is equipped with "C" blades for good soil engagement and excellent plant residues mixing action. L-blades are also available if required mainly for work at shallow depth.

## Multiple use professional power tillers



**COMPACT**  
for vineyards  
and  
green spaces



### **A robust frame**

The robust and careful design of the coupling yokes and headstock ensures good reliability.

*EL 62, a truly "all-purpose" tool*

**KUHN power tillers: reliability and innovations**



5



## Adapt your tiller to your needs!

**1. Side separating discs**

Easily adjustable by means of a pin, they enable improving the finishing between passes and facilitate work in long plant residues.

**2. Track eradicators**

Made up of 4 flexible tines adjustable in height and distance, they loosen the soil of tractor wheel tracks.

**3. Signalling**

It replaces the tractor signalling when covered by the power tiller.

**4. L-blades**

For top surface work, the rotor can be fitted with L-blades.

**5. Counter-flanges**

EL 92 power tillers can be fitted with counter-flanges for reinforced blade hold in stony conditions.





## TECHNICAL SPECIFICATIONS

	EL 62 - 120	EL 62 - 130 EL 62D - 130*	EL 62 - 155	EL 62 - 165 EL 62D - 165*	EL 62 - 180 EL 62D - 180*	EL 62 - 210* EL 62D - 210*	
Working width (cm/ft)	120/3'11"	130/4'3"	153/5'	165/5'5"	178/5'10"	210/6'11"	
Overall width with skids (cm/ft)	135/4'5"	145/4'9"	170/5'7"	181/5'11"	194/6'4"	227/7'5"	
Overall width with wheels (cm/ft)	130/4'3"	139/4'7"	164/5'5"	176/5'9"	188/6'2"	220/7'3"	
Recommended minimum tractor horsepower (kW/hp)	17/23	19/25	22/30	24/33	26/35	31/42	
Maximum tractor engine power (kW/hp)	48/65						
PTO speed (rpm)	540						
PTO shaft with	Friction slip clutch as standard						
Rotor speed - Single speed gearbox	224						
Rotor speed - Duplex gearbox	206 - 245						
Rotor diameter (mm/inches)	450 / 18"						
Number of blades per flange / total	6/30	6/30	6/36	6/42	6/42	6/54	
Working depth adjustable (cm/inches)	5 to 18 / 2" to 7"						
Depth control	Skids or adjustable wheels						
Continuous offset to the right (cm/inches)	17/7"	20/8"				Fixed	
Attachment	Category 1N - 1 and 2						
Weight with skids and parking stands (kg/lbs) or wheels (kg/lbs)	EL 62 EL 62 D*	282/622	295/650 316/697	330/728	360/794 382/842	365/805 390/860	420/926 445/981

## TECHNICAL SPECIFICATIONS

	EL 82 130	EL 82 155	EL 82 180	EL 82 205	EL 92 180	EL 92 205	EL 92 230
Working width (cm/ft)	130/4'3"	155/5'1"	180/5'10"	205/6'8"	180/5'10"	205/6'9"	230/7'7"
Overall width with skids (cm/ft)	167/5'6"	192/6'4"	217/7'1"	250/8'2"	217/7'1"	250/8'2"	276/9'1"
Overall width with wheels (cm/ft)	147/4'10"	172/5'8"	197/6'6"	230/7'7"	197/6'6"	230/7'7"	255/8'4"
Recommended minimum tractor horsepower (kW/hp)	24/33	29/39	33/45	38/51	33/45	38/51	43/58
Maximum tractor engine power (kW/hp)	63/85				74/100		
PTO speed (rpm)	540						
PTO shaft with	Friction slip clutch as standard						
Rotor speed (rpm)	212			194/230 (standard)			
Rotor diameter (mm/inches)	525/21"						
Number of blades per flange / total	6/30	6/36	6/42	6/48	6/42	6/48	6/54
Working depth adjustable from (cm/inches)	5 to 23 / 2" to 9"						
Depth control (m/ft)	Skids or adjustable wheels or rollers (from 1.80/5'9")						
Continuous offset to the right (cm/inches)	22/8"		Fixed	11/4"		Fixed	
Attachment	Category 1N - 1 and 2				Category 1 and 2		
Weight with (kg/lbs) skids or wheels crumbler roller avec rouleau packer	395/871	430/948	465/1025	510/1124 625/1378 770/1697	525/1157 625/1378	570/1256 685/1510 830/1830	605/1333 725/1598 895/1973

Other optional equipment: skid set - wheel set - crumbler roller or packer roller for width of 1.80, 2.05 and 2.30 m - additional gearwheel set on EL 92 for speeds of 178/252 rpm.

## KUHN SUPPORT SERVICES\*: maximize the use and productivity of your KUHN equipment



\* Full Support Services not available in all countries.

▶ The KUHN Support Services provide you with the benefits of....

- **Dealer personnel trained** in the latest product developments to aid you in selecting the right machine to suit your present & future needs,
- Readily available **technical documentation** throughout a KUHN machine's service life to take advantage of new knowledge and advancements
- Round the clock, 7 day a week, **parts availability** at competitive prices,
- Planning for the unexpected with **KUHN protect + warranty extensions**,
- Advanced technical assistance at your dealer from **KUHN protect**,
- **Financial purchase support** through **KUHN finance**.

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