

ΚΑΤΑΣΤΡΟΦΕΙ ΕΛΙΚΗΣ ΧΡΗΣΕΩΣ

Light arm tractor subcategory

TYPE	TB 151	TB 16	TB 181 SELECT	TB 181	TB 18	TB 211 SELECT	TB 211	TB 16	TB 19	TB 22	TB 222	TB 242	TB 252	TB 242	TB 262	TB 210	TB 210	Specifications
Weight	1.5	1.6	1.75	1.8	1.8	2.05	2.1	1.9	2.15	2.14	2.28	2.44	2.29	2.49	2.49	2.49	2.1	Weight
Working width (m)	1.5	1.6	1.75	1.8	1.8	2.05	2.1	1.9	2.15	2.14	2.28	2.44	2.29	2.49	2.49	2.49	2.1	Working width (m)
Overall width (m)	1.73	1.8	2.04	2.05	2.05	2.33	2.3	1.78	2.04	2.09	2.43	2.57	2.7	2.9	3.13	2.98	2.33	Overall width (m)
Transport width (m)	1.4	1.5	1.7	1.75	1.75	1.95	2.0	1.6	1.9	1.9	2.1	2.2	2.3	2.4	2.5	2.5	1.9	Transport width (m)
Diameter of roller (mm)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	Diameter of roller (mm)
Roller diameter (mm)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	Roller diameter (mm)
Number of heavy bumper bars	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	Number of heavy bumper bars
Number of articulated bumper bars	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	Number of articulated bumper bars
Working height adjustment	Yes with fixed ends	Yes with removable ends	Yes with removable ends	Yes with fixed ends	Yes with removable ends	Yes with removable ends	Yes with removable ends	Yes with removable ends	Yes with removable ends	Yes with removable ends	Yes with removable ends	Yes with removable ends	Yes with removable ends	Yes with removable ends	Yes with removable ends	Yes with removable ends	Yes with removable ends	Working height adjustment
Offset (mm)	200	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	215	Offset (mm)
Working angle	40° to 40°	40° to 40°	40° to 40°	40° to 40°	40° to 40°	40° to 40°	40° to 40°	40° to 40°	40° to 40°	40° to 40°	40° to 40°	40° to 40°	40° to 40°	40° to 40°	40° to 40°	40° to 40°	40° to 40°	Working angle
Minimum power requirement for PTO	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	Minimum power requirement
Minimum power requirement for PTO	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	Minimum power requirement
Maximum authorized tractor power	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	Maximum authorized tractor power
Minimum authorized tractor power	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	Minimum authorized tractor power
Max. authorized motor power (kW)	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	Max. authorized motor power
Max. authorized motor power (HP)	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	Max. authorized motor power
Free wheel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Free wheel
Number of type of arms	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	Number of type of arms
Lower link speed at 540 rpm (km/h)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Lower link speed at 540 rpm (km/h)
Rotor speed (km/h)	47	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	Rotor speed (km/h)
Number of control levers	20	24	24	24	28	28	28	28	28	28	28	28	28	28	28	28	28	Number of control levers
Number of bumper bars	20	24	24	24	28	28	28	28	28	28	28	28	28	28	28	28	28	Number of bumper bars
Number of bumper rails	20	24	24	24	28	28	28	28	28	28	28	28	28	28	28	28	28	Number of bumper rails
Number of control levers	20	24	24	24	28	28	28	28	28	28	28	28	28	28	28	28	28	Number of control levers
Height control	By roller with	By roller with	By roller with	By roller with	By roller with	By roller with	By roller with	By roller with	By roller with	By roller with	By roller with	By roller with	By roller with	By roller with	By roller with	By roller with	By roller with	Height control
Minimum width of tractor wheel (m)	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	Minimum width of tractor wheel (m)
Draw steel (kg)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Draw steel (kg)
Tractor hydraulic equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Tractor hydraulic equipment
Weight (kg)	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	Weight (kg)

AGRI-LONGER 34-45 HP	AGRI-LONGER 4234 M	AGRI-LONGER 4734 M	AGRI-LONGER 4334 M (left-hand machine)	AGRI-LONGER 4834 M (left-hand machine)	AGRI-LONGER GII 5045 P TC	AGRI-LONGER GII 5045 P TD	AGRI-LONGER GII 6045 P TC	AGRI-LONGER GII 6045 P TD
TYROS	4.2	4.7	4.3	4.8	5	4.9	6	5.9
Horizontal reach (m)	4.2	4.7	4.3	4.8	5	4.9	6	5.9
Vertical travel range	-	-	3.3	3.8	-	-	-	-
Maximum hedge height	-	-	3.6	4.1	-	-	-	-
45° ditch travel range	-	-	2.7	3.2	-	-	-	-
Minimum lateral travel range	-	-	1.3	1.3	-	-	-	-
Cutting head rotation angle	-	-	220	220	-	-	-	-
Available rotor output power at 540 rpm (1 hp)	34	34	34	34	45	45	45	45
Recommended use	Up to 100 hours per year	Up to 100 hours per year	Up to 100 hours per year	Up to 100 hours per year	Up to 250 hours per year	Up to 250 hours per year	Up to 250 hours per year	Up to 250 hours per year
Recommended minimum tractor weight (t)	3	3	3	3	3.5	3.5	3.5	3.5
Minimum power required at tractor PTO (hp)	20	20	20	20	20	20	20	20
Control	Remote cable or electric joystick	Remote cable or electric joystick	Remote cable or electric joystick	Remote cable or electric joystick	Remote cable or electric low pressure joystick control	Remote cable or electric low pressure joystick control	Remote cable or electric low pressure joystick control	Remote cable or electric low pressure joystick control
Arm safety for obstacle clearance	Mechanical type pendulum connecting rod	Mechanical type pendulum connecting rod	Mechanical pendulum link type	Mechanical pendulum link type	Hydraulic pivot-mounted system with 115° skew	Hydraulic pivot-mounted system with 115° skew	Hydraulic pivot-mounted system with 115° skew	Hydraulic pivot-mounted system with 115° skew
Kinematics	Compas	Compas	Compas	Compas	Compas	Compas	Compas	Compas
Arm	Straight arm	Bow 2-arms	Straight arm	Straight arm	Straight arm	Straight arm	Straight arm	Straight arm
Rotor equipment	36 V-flats	36 V-flats	48 V-flats	48 V-flats	60 V-flats	60 V-flats	48 V-flats	48 V-flats
Hydraulic circuit	Open	Open	Open	Open	Open	Open	Open	Open
Rotor drive	Direct	Direct	Direct	Direct	Double cog type V-belt drive	Direct drive	Direct drive	Direct drive
Weight (kg)	814	835	860	881	1250	1245	1320	1300

POLY-LONGER 51 HP	POLY-LONGER 5050 P	POLY-LONGER 5050 SP	POLY-LONGER 5050 PA	POLY-LONGER 5050 SPA	POLY-LONGER 5050 PAL (left-hand machine)
Horizontal reach (m)	5	5	5	5	5.2
Vertical travel range	-	-	-	-	1.82
Maximum hedge height	-	-	-	-	1.65
45° ditch travel range	-	-	-	-	1
Minimum lateral travel range	-	-	-	-	1.34
Cutting angle	-	-	-	-	1.64
Cutting head rotation angle	-	-	-	-	235
Available rotor output power at 540 rpm (1 hp)	51	51	51	51	51
Recommended use	Up to 100 hours per year	Up to 100 hours per year	Up to 100 hours per year	Up to 100 hours per year	Up to 100 hours per year
Recommended minimum tractor weight (t)	4	4	4.5	4.5	-
Minimum power required at tractor PTO (hp)	30	30	30	30	-
Control	Joystick with 4 electric proportional functions	Joystick with 4 electric proportional functions	Joystick with 4 electric proportional functions	Joystick with 4 electric proportional functions	-
Control weight (kg)	-	-	-	-	1.3
Arm safety for obstacle clearance	Hydraulic circuit on pivot with 115° skew	Hydraulic pivot-mounted system with 115° skew	Hydraulic circuit on pivot with 115° skew	Hydraulic circuit on pivot with 115° skew	Hydraulic circuit on pivot with 115° skew
Kinematics	Compas	Compas	Pentagon	Pentagon	Pentagon
Arm	Straight arm	Optimal arm (locking arm)	Straight arm	Optimal arm (locking arm)	Straight arm
Rotor equipment	60 V-flats	60 V-flats	60 V-flats	60 V-flats	48 V-flats
Hydraulic circuit	Open	Open	Open	Open	Open
Rotor drive	Double cog type V-belt drive	Double cog type V-belt drive	Two cog type V-belts	Double cog type V-belt drive	Two cog type V-belts
Weight (kg)	1350	1450	1450	1550	1650
Minimum power requirement for PTO (hp)	-	-	-	-	19
Minimum power requirement for PTO (kW)	-	-	-	-	14

PRO-LONGER 80 HP	PRO-LONGER GII 5183 P	PRO-LONGER GII 5683 P	PRO-LONGER GII 5683 SP	PRO-LONGER GII 5781 SPA	PRO-LONGER GII 5783 SPA	PRO-LONGER GII 5783 LPA	PRO-LONGER GII 7483 TP	PRO-LONGER GII 7483 TP	PRO-LONGER GII 5781 PAL (left-hand arm)	PRO-LONGER GII 5781 SPA (left-hand arm)
TYROS	5.1	5.5	5.5	5.7	6.1	5.7	6.1	6.1	5.7	5.7
Horizontal reach (m)	5.1	5.5	5.5	5.7	6.1	5.7	6.1	6.1	5.7	5.7

Neglected horizontal reach (m)	-	-	-	-	-	-	6.1	7.4	-	-	-
Available rotor circuit power at 1500 min ⁻¹ (hp)	80	80	80	80	80	80	80	80	80	80	80
Recommended use per year	Up to 1500 hours	Up to 1500 hours per year	Up to 1500 hours per year	Up to 1500 hours per year	Up to 1500 hours per year	Up to 1500 hours per year	Up to 1500 hours per year	Up to 1500 hours per year	Up to 1500 hours per year	Up to 1500 hours per year	Up to 1500 hours per year
Recommended minimum rotor weight (t)	4.5	4.5	4.5	5	5	5	5.7	6.5	5	5	5
Minimum power required at tractor PTO (hp)	100	100	100	100	100	100	120	120	100	100	100
Control	4-function joystick with electric proportional control	4-function joystick with electric proportional control	4-function joystick with electric proportional control	4-function joystick with electric proportional control	4-function joystick with electric proportional control	4-function joystick with electric proportional control	4-function joystick with electric proportional control	4-function joystick with electric proportional control	4-function joystick with electric proportional control	4-function joystick with electric proportional control	4-function joystick with electric proportional control
Arm safety for obstacle clearance	Electrically-mounted system with 130° view	Hydraulic pilot-mounted system with 130° view	Hydraulic pilot-mounted system with 130° view	Hydraulic pilot-mounted system with 130° view	Hydraulic pilot-mounted system with 130° view	Hydraulic pilot-mounted system with 130° view	Hydraulic pilot-mounted system with 130° view	Electrically-mounted system with 130° view	Hydraulic pilot-mounted system with 130° view	Hydraulic pilot-mounted system with 130° view	Hydraulic pilot-mounted system with 130° view
Kinematics	Compass	Compass	Compass	Parallelogram	Parallelogram	Parallelogram	Compass	Compass	Parallelogram	Parallelogram	Parallelogram
Arm	Straight arm	Straight arm	OPThree semi-leading arm	OPThree semi-leading arm	OPThree semi-leading arm	OPThree semi-leading arm	Straight telescopic arm (stroke: 1.90 m)	Straight telescopic arm (stroke: 1.90 m)	Straight arm	OPThree semi-leading arm	OPThree semi-leading arm
Rotor equipment	60 Y-Balls	60 Y-Balls	60 Y-Balls	60 Y-Balls	60 Y-Balls	60 Y-Balls	60 Y-Balls	60 Y-Balls	24 T-Balls	24 T-Balls	24 T-Balls
Hydraulic circuit	closed (rotor circuit) and open (movement circuit)	closed (rotor circuit) and open (movement circuit)	closed (rotor circuit) and open (movement circuit)	closed (rotor circuit) and open (movement circuit)	closed (rotor circuit) and open (movement circuit)	closed (rotor circuit) and open (movement circuit)	closed (rotor circuit) and open (movement circuit)	closed (rotor circuit) and open (movement circuit)	closed (rotor circuit) and open (movement circuit)	closed (rotor circuit) and open (movement circuit)	closed (rotor circuit) and open (movement circuit)
Rotor drive	COMPACT patented sprocket drive provided by a train of 4 sprockets lubricated in an oil bath	COMPACT patented sprocket drive provided by a train of 4 sprockets lubricated in an oil bath	COMPACT patented sprocket drive provided by a train of 4 sprockets lubricated in an oil bath	COMPACT patented sprocket drive provided by a train of 4 sprockets lubricated in an oil bath	COMPACT patented sprocket drive provided by a train of 4 sprockets lubricated in an oil bath	COMPACT patented sprocket drive provided by a train of 4 sprockets lubricated in an oil bath	COMPACT patented sprocket drive provided by a train of 4 sprockets lubricated in an oil bath	COMPACT patented sprocket drive provided by a train of 4 sprockets lubricated in an oil bath	COMPACT patented sprocket drive provided by a train of 4 sprockets lubricated in an oil bath	COMPACT patented sprocket drive provided by a train of 4 sprockets lubricated in an oil bath	COMPACT patented sprocket drive provided by a train of 4 sprockets lubricated in an oil bath
Weight (kg)	1350	1375	1325	1760	1760	1760	1925	1900	1760	1760	1760