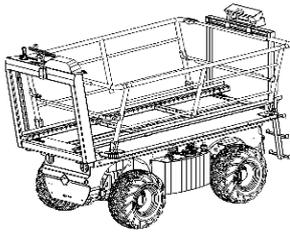


TROY



The Troy is mobile elevating working platform, designed and manufactured by BAB. This machine can be regarded as the little brother of the Hercules. The design, in consultation with the user's, is performed and using the latest, available techniques. The Troy ensures maximum performance during harvesting, pruning and any type of work, which must be carried out in the orchard.

parameter **basic features**

name: Troy made by BAB
engine: kubota V 1505 4 cyl 26 hp water cooled
fuel: diesel 50 liter fuel tank with level indicator
primary filter with water separator, electrical feeding pump and final filter
traction: permanent 4 x 4 mechanical - hydraulic
control: joystick with electrical control, integrated death man switch
dash board: clear control panel and dash board for operating the machine



hydraulic sys: driving hyd: Danfoss piston pump MP1 32 max oil flow 96 L/min max 300 bar
Danfoss piston motor H1 with 2 - speed
working hyd: hydac (germany) manifold for hydraulic controls
 gearpump: 8 cc or 11 cc max 180 bar

driveline: heavy duty front and rear axle with planetary reduction on differential output
front and rear axles connected with high speed PTO shaft
front axle with limited slip integrated in differential
2 - speed hydrostatic

speed: low gear 0 - 7 km/h
high gear 0 - 12 km/h only 2 wheel steering with auto alingement of back wheels
electrical gear shifting without passing neutral

steering : 3 modes of steering: * 2 wheel steering with automatic alingement of back wheels
 * 4 wheel steering
 * 4 wheel steering crab
auto alingement system integrated in axles while 4 WS
steering angle 38°

parking brake : automatic negative brake with wet disc inboard of rear axle

wheels: 10,0/75 x 15,3 8 ply traction

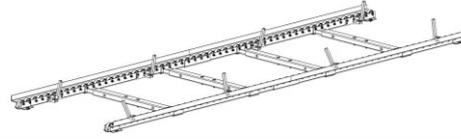
empty weight : 2900 kg (depending on options)

load capacity : 1600 kg

dimensions: platform: lenght 3 meter in height adjustable till 295 cm with **double** scissors
width hydraulic adjustable from **160** (closed) to **260** cm (open)
machine: zie page added

prices in euro
excl. VAT and transport

opt. 101 rollers for bins width ajustable for different sizes of bins
can be easily built off after harvest



opt. 115 wheels: 31x15,5-15 8 ply TR-07 Mitas
width: 370 mm
diameter: 760 mm



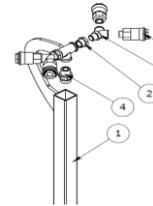
opt. 111 wheels: 280/70-R16 BKT RT765 traction
mounted on rim W8 x 16 with adjustable track



width: 282 mm
diameter: 800 mm



opt. 132 air-compressor 550 liter with air-tank 25 liter , electrical engaged
control unit for pressure setting and water separator
4 removable air connections in the middle of the platform



opt. 135 additional air-tank 50 liter



opt. 140 table for depositing your working tools
tool box
can be connected to the pneumatic system on the platform
with 4x airconnection and pressure gauge



opt. 142 railing foldable upwards
for loading - unloading from the side

opt. 150 front elevator
adapted for open bins



opt. 160 rear elevator (max load 600 kg)
double rollers
control in the back off platform



opt. 170 platform width from **180** (closed) to **340** cm (open)



opt. 177 platform length + 1 meter total length 4 meter instead of 3 meter
closed 1,6 meter - open 2,6 meter

opt. 180 automatic steering with mechanical sensing arm
sensing arm in width adjustable with hydraulic cylinder



opt. 188 automatic steering with sensor Line-assist Optical sensor **GO-TRACK**

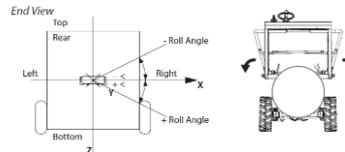


opt. 201 cruise control additional to auto steer
set speed will be remembered after changing of line
fine tuning of speed with additional turning knob
start - stop function: machine can be stopped and restarted

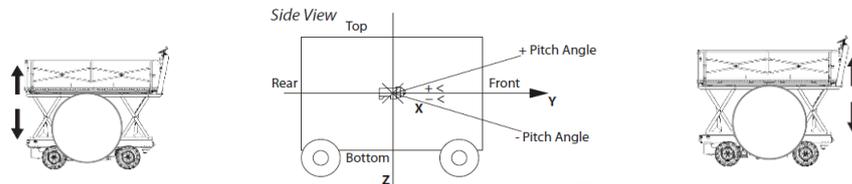
opt. 182 feeler : sensing arm for detecting the cross cables of the tree cover system
the platform will stop when feeler is touched and can easy resumed by the operator
to protect the steering wheel , workers and also the cover system
mounted on bridge in front of the steering wheel



opt. 220 levelling left -7° / right +7° **ROLL**
cylinder on both sides , mounted on rear axle



opt.225 levelling front +5° / rear -5° **PITCH**



opt.230 automatique levelling with slope sensor (roll and pitch)



opt.233 independent control for automatique levelling
roll and pitch can be turned on/off independent

opt.233 independent control for automatique levelling
roll and pitch can be turned on/off independent

23-nov-20