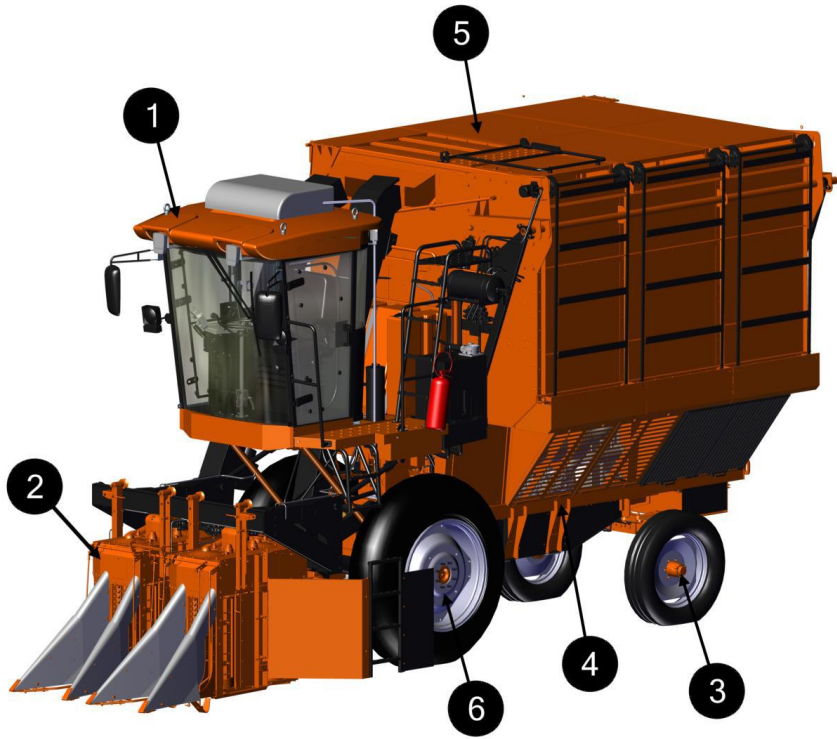


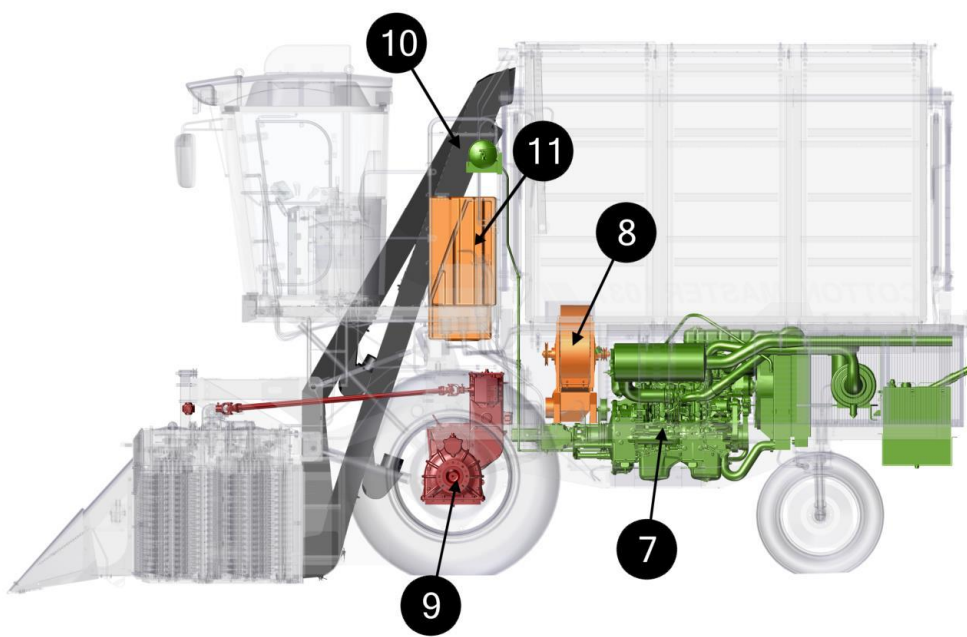
SHAKTIMAN PAMUK TOPLAMA MAKİNASI



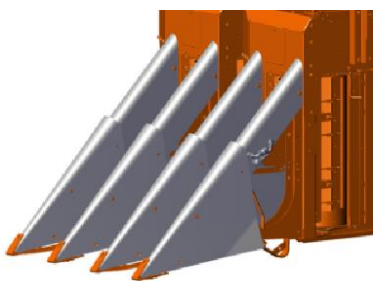
Attributes	Uday 02
A) Engine	
Engine Power,HP	142+ Tier 3
Number of Cylinders / Displacement(lt) / Aspiration	4/5.1/Turbo-Intercooler
Rated Engine Speed (RPM)	2200
Alternator (A)	120
Transmission	HST+Gear Box
No. of speeds	3F+3R
Rear Axle	Adjustable dead axle
Max Speed ,1st Gear (km/hr)	6
Max Speed ,2nd Gear (km/hr)	7
Max Speed ,3rd Gear (Transport) (km/hr)	25
Reverse Speed (km/hr)	5
Wheelbase,mm	2650
B) Picker unit	
Type	Spindle
No. of Row units / No. of Rotors per row unit	2/2
Inline / Opposed	Inline
No. of Bars x rows	12 x 18
Ground Speed Synchronised	With Picking speed
Row spacings,cm	70,76,90
C) Basket	
Unloading	Hydraulic ,tilt to left of vehicle chain conveyor+ front compactor
Capacity, m ³	19 (1000 Kg)
Dumping height, m	3.5
E) Operator station	
Export	Cab02 /HVAC 02
Steering	Tilttable
Controls Console	RH side, Levers, 7" display
HVAC	Electrical, 24 V
F) Vehicle	
Drive Wheels	16.9-34
Steering wheels 2WD	250-85R20
Track (Drive wheels) , m	1660
Laden weight, kg	10000
Ground clearance, mm	600
Water Tank , Lt	400
Fuel Tank , Lt	200
Brakes	mechanical linkage
G) Features	
Drum Bar lubrication	Onboard , operated from Cab
Drum chock sensor	Yes
Drum Drive	Gear drive
Tether system	Yes
H)Electrical	
Head Lamp	2 nos, 24 V
Work lamp	4 nos, 24 V
tail lamp	2 nos, 24 V
J)Hydraulic	
hyd pump, cc	70
hyd motor, cc	80
Tank capacity	100
H)DIMENSIONS	
Transport Width (mm)	2730
Transport Height (mm)	4000
Total Length (mm)	7200
Unladen weight, Kg	9000



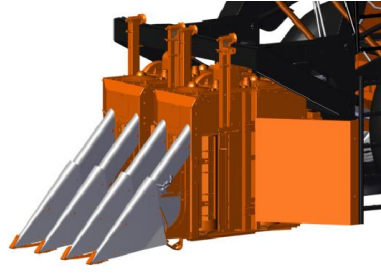
- 1 – Cabin.....** Controls available to start and stop the engine, travel the machine, to do harvesting etc.
- 2 – Picking Unit....** Picking cotton.
- 3 – Rear Axle.....** Travel and steer the machine.
- 4 – Chassis.....** Machine structure and basket mounting.
- 5 – Basket.....** Used to temporarily store harvested cotton, and then to unload by raising the basket.
- 6 – Front Wheels..** Travel the machine



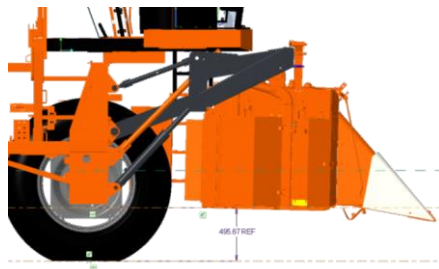
- 7 – Engine Section.....** Located below the basket, used to power the machine.
- 8 – Blower.....** Used to blow the air in ducts to transfer cotton to basket.
- 9 – Drive Section.....** Located below the platform, used to provide power to picking unit and front axle.
- 10 – Air Duct.....** To transfer harvested cotton to basket.
- 11 – Moistener system...** The moistener system supplies a pressurized solution of water and spindle cleaner to clean spindles in the picking units during normal operation.



Picker Unit Auto Height sensing:-
 Automatic height sensing lets you run the units along the ground to pick up low hanging balls. When the height sensing shoe reaches a change in ground contour, a valve sends hydraulic oil directly to the unit lift cylinders. Response is immediate.
 Other benefit: It protect the header unit from damage due to obstruction like stones.



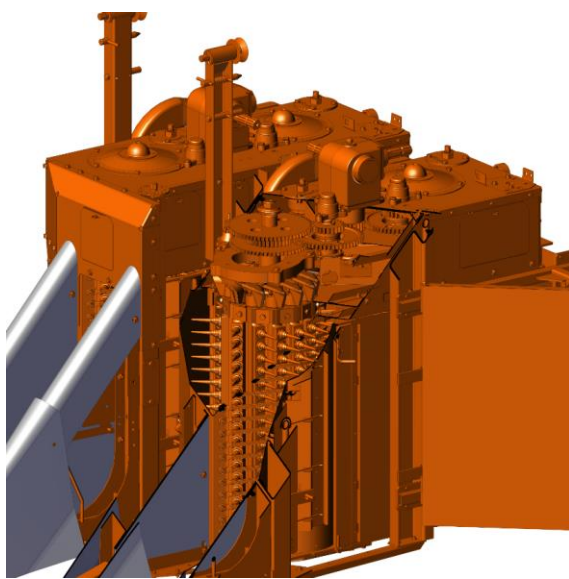
Picker unit Row space:-
 Adjusting the unit spacing is a fast, easy, one-person job. Simply pull a pin and crank the unit into place. And with the narrow profile inline row units, you have plenty of elbow room for accessing the doffers and moistener pads for cleanout



Ground clearance for transportation
 High ground clearance (500mm) in picker unit for vehicle move one field to other field easily.



Tethering motor
 For Clean around picking units, doffers, moistener columns, drums and suction doors.
 1 . Tethering switch 2. Switch Storage Box



(Fig 01)

Picking Unit :-
 Offers 12 bar 18 spindle picking units on the SPCP-1437 to meet the demands of any customer. The 12 bar 18 spindle units are mounted on a strong frame, allowing them to be moved easily for adjustments or service. The SPCP-1437 comes standard with the Manual Row Sense guidance system when equipped with the 12 bar 18 spindle units, promoting increased efficiency and decreased operator fatigue while on the row. (Fig 01)

PICKING UNITS	Number of Units	2
	Number of Picking Drums	4 (2 per unit)
	Number of Picking Bars (Per Drum)	12
	Number of Spindles Per Bar	18
	Number of Spindles Per Unit	432
	Number of Spindles Per Machine	864
	Adjustable Row Spacing	700mm, 760mm, 900mm
	Drum Bar Lubrication	On-board (Auto Lubrication, operated from cabin)

Spindles:-
 Spindles provide superior performance in harsh picking conditions and deliver a long wear life. (Fig 02)



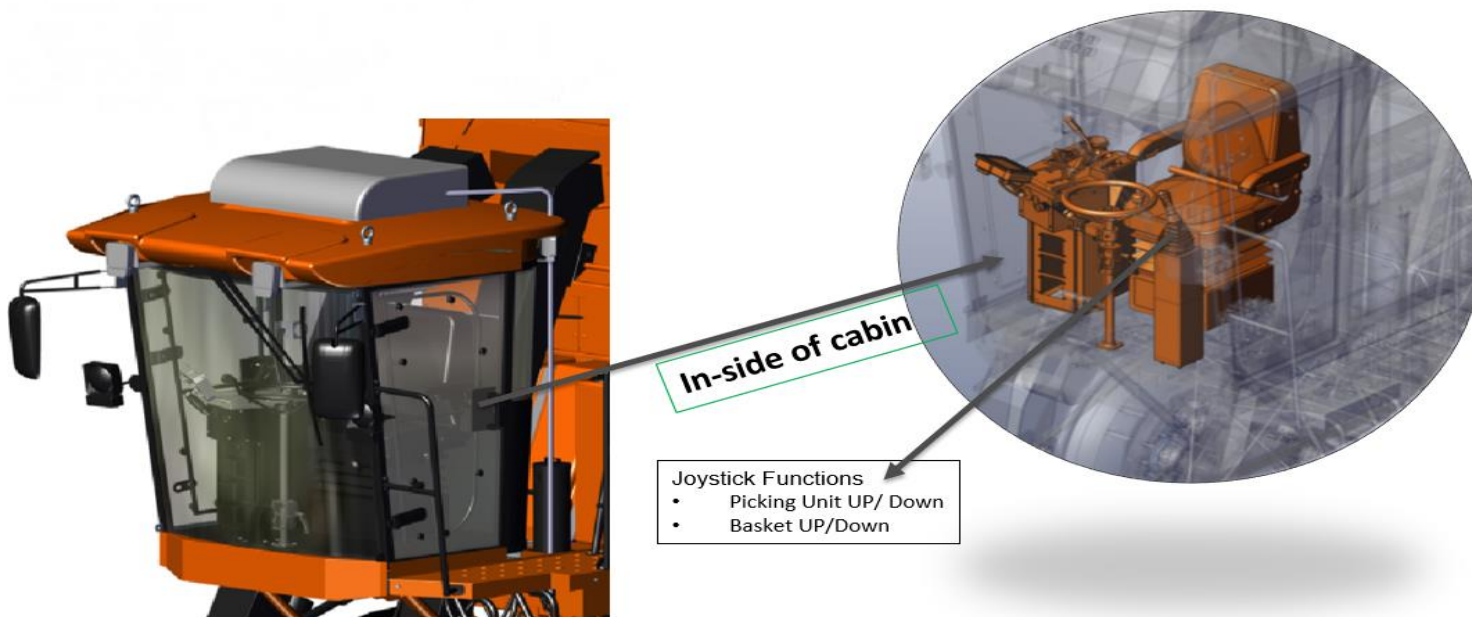
(Fig 02)



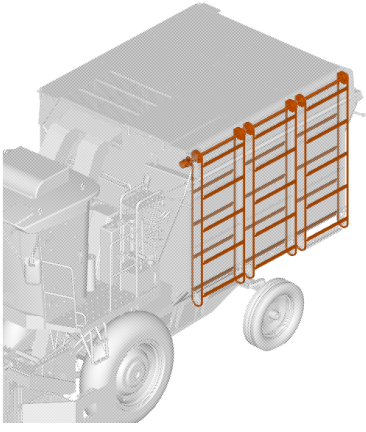
- ❖ **Turning radius :-**Vehicle turning radius of 7.5 meter without brakes. Less time spent turning ensures that you are maximizing the productivity of your picker.
- ❖ **Blower :-** Used to blow the air in ducts to transfer cotton from picker unit to basket. High efficiency cotton conveying fans to ensure that producers are able to maintain their picking speed in high-yielding cotton.
- ❖ **Efficient & Powerful Engine :-** 143 HP Volvo Penta TAD550VE Diesel, 4 Stroke, 4 Cylinder in-line, Overhead valve, Water cooled reliable & powerful engine for assured Performance, Fuel efficiency under most rigorous conditions.210 Litre biggest fuel tank capacity allows uninterrupted running of the machine in the field for longer duration. Minimize the time wastage in the field thus maximising productivity of the machine.

Operator station

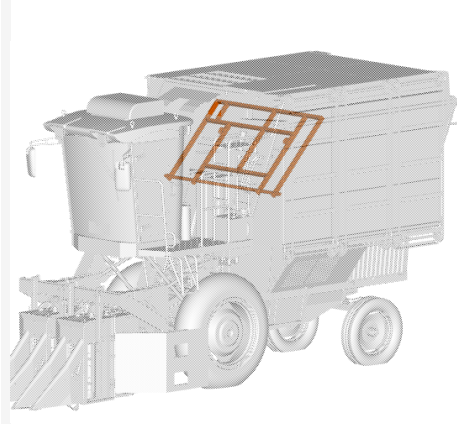
Check out the controls of this ergonomically upgraded operator station. There's a new 7 inch touch screen Command enter display that gives you all of your important information in a vibrant, easy-to-read format. And a new digital corner post display has been updated for improved readability so you can observe all the critical machine functions swiftly and without compromise. Just think of it as your entire harvesting system operated from one central location, all at your fingertips.



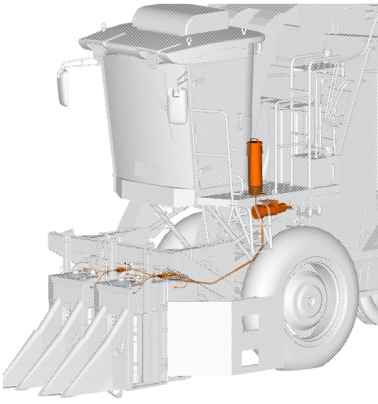
KARATAŞ



(Fig 01)



(Fig 02)



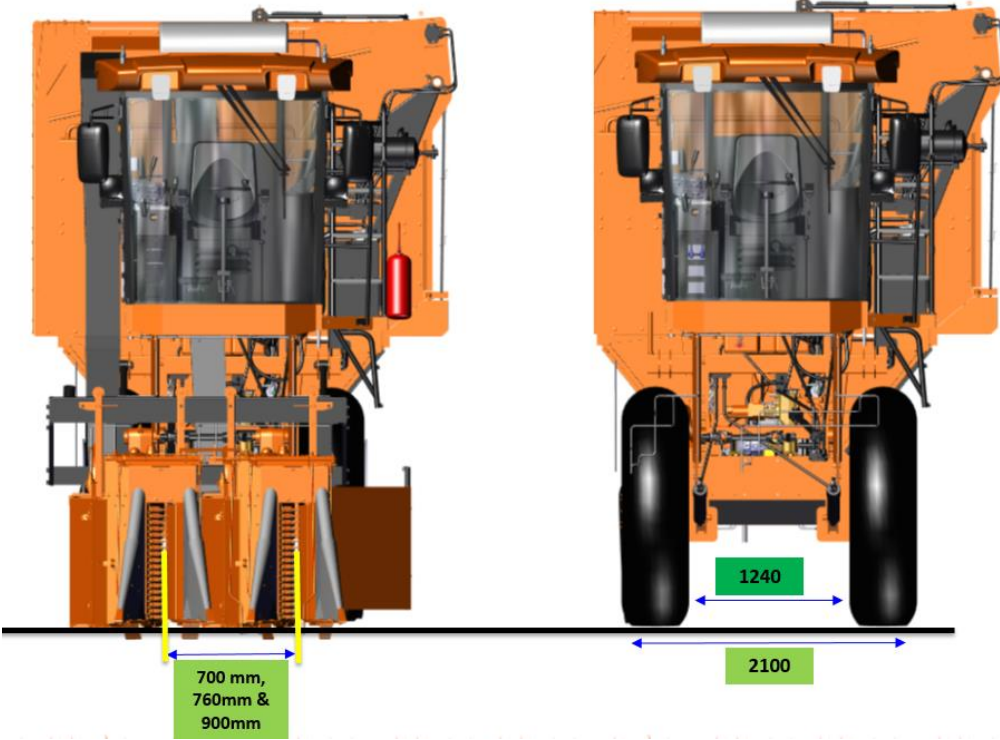
(Fig 03)

Bigger Capacity cotton basket with chain conveyor and front compactor – cotton basket storage capacity (19 meter cube) allows easy harvesting operation for longer duration. Thus, saving operational cost and time. For cotton unloading tilt to left of vehicle with the help of hydraulic cylinder.

Chain Conveyor in basket – Move a high volume of crop for less time at the dump site. Which drive by hydraulic motor.(Fig 01)

Front Compactor – Press the cotton in cotton basket for increase the capacity and harvesting operation time. Which is operate by hydraulic cylinder.(Fig 02)

Auto Greasing system – For picker unit spindle bar lubrication we have auto lubrication system which is operated from cab. (Fig 03)



DIMENSIONS	
Attributes	Uday 02
Transport Width (mm)	2730
Transport Height (mm)	4000
Total Length (mm)	7200
Row spacing's, cm	70,76,90
Ground clearance of picker unit (mm)	500
Tyre to Tyre out side (mm)	2100
Tyre to Tyre in side (mm)	1240

Şube	Adres	Telefon
Adapazarı	Tuzla Mh. Zirai Aletler San. Sit. C3 Blok Karşısı Adapazarı / Sakarya	0264 274 03 88
Bursa	Yığıtler Mh. E1 Sk. Kamyon Yapı Koop. No:7 Yıldırım / BURSA	0224 253 19 74
Kocaeli	Akse Mh. Rahmi Dibek Cd. No: 317 Çayırözü / KOCAELİ	0262 721 40 01
Edirne	Koca Sinan Mh. E5 Karayolu Cd. İstanbul yolu 7.km No: 47 Edirne	0284 236 50 05
Gönen	Gündoğdu Mh. Sanayi Sitesi No: 6 Gönen / BALIKESİR	0266 772 80 08
İzmit	Yeşilova Mh. Yeni Kandıra Otoban Yolu Üzeri İzmit / KOCAELİ	0262 332 56 35
Keşan	İstanbul Yolu 4.km Keşan Petrol Yanı Keşan / EDİRNE	0284 763 12 00
Tekirdağ	Çınarlı Mh. Hayrabolu Cd. No: 28 Süleymanpaşa / TEKİRDAĞ	0284 261 30 05