



PRODUCT CATALOG



ABOUT US

AKKOMSAN OTOMOTIV LTD. STI. has founded as a small workshop in 1978 by two brothers in Aksehir, Konya (Turkey).

We have been manufacturing various operator and driver seats for tractors, forklifts and heavy-duty machines with brand of "STAR" since 1992.

Today, AKKOMSAN is one of the top manufacturer and exporter of Turkey also Middle East. We are one of the most admirable brand with our experience over 45 years, wide product range, patented desings, styles, quality and price.



"STAR is a trademark of AKKOMSAN

Our company has ISO 9001:2015 Certification.

The necessity of Quality Management Systems (QMS), AKKOMSAN OTOMOTIV proved its high quality products by manufacturing type approval (e Type Certified) seats according to EU norms in current production plants total 30.400m² closed area.

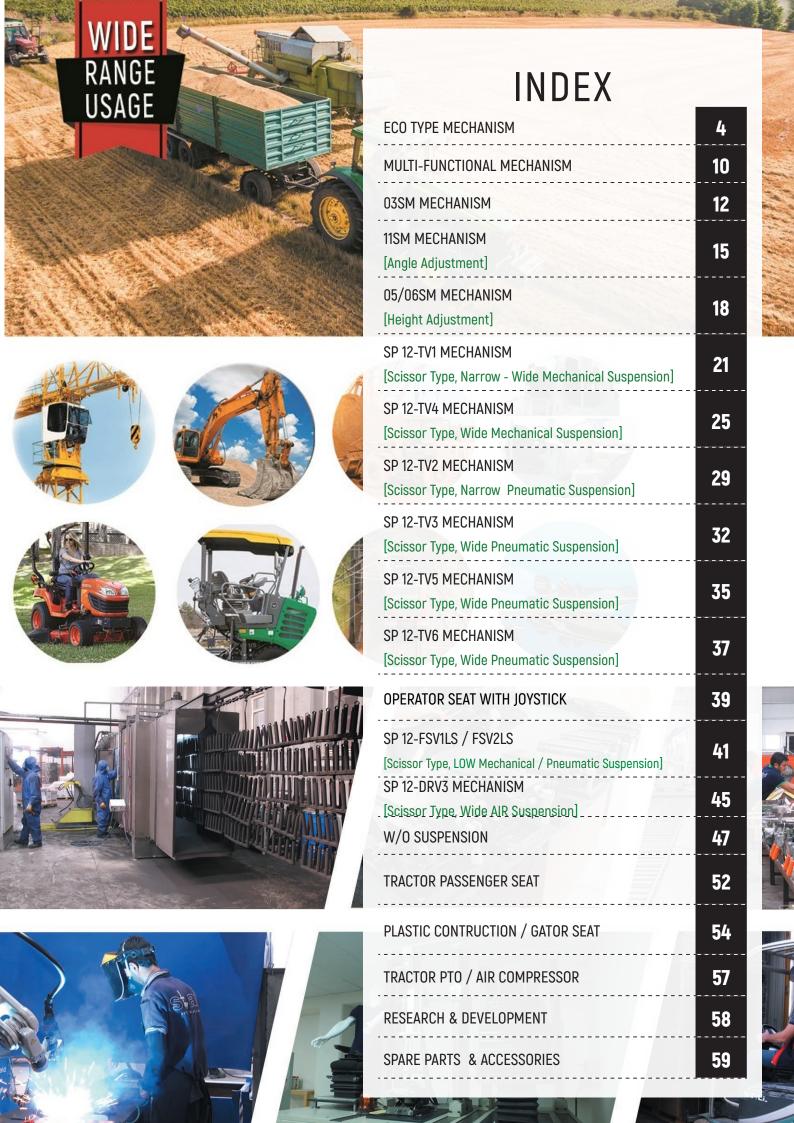
Our whole production plants equipped with the latest technology manufacturing equipments to meet the customers demands with a high satisfaction.











ECO TYPE ECO-01SM MECHANISM W/O Fore/Aft Adjustment - Universal Fitting

- Mechanical Suspension with couple springs & hydraulic shock-absorber
- 80mm Suspension Stroke
- W/O Fore/Aft Adjustment
- 50-120kg Operator Weight Adjustment
- 102° Fixed Base Angle









ECO-01SM TYPE MECHANISM









Comfortable and Durable!

- · Seat and backrest upholstery combining different setting functions are available.
- Wraparound backrest and seat raised at sides to ensure good holding even when travelling over rough or sloping terrain.
- · Expanded polyurethane padding with washable covering.
- · Metal structures protected against corrosion with electrostatic powder coating in conformity with the quality standards of the EU industry.
- The height and weight in the mechanism can be easily adjusted with just a few quick movements. The control elements are functionally arranged and easy to use.
- Every detail (low friction joints, bearings, materials, settings, painting, strength, dynamic response, comfort, etc.) has been designed with special care in order to increase the reliability and the product life span.











ECO TYPE ECO-03SM MECHANISM Universal Fitting

- Mechanical Suspension with couple springs & hydraulic shock-absorber
- 80mm Suspension Stroke
- 150mm Sliding Base Adjustment
- 50-120kg Operator Weight Adjustment
- 102° Base Angle









ECO-03SM TYPE MECHANISM



















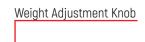




ECO TYPE ECO - 11SM MECHANISM

MULTI-FUNCTIONAL MECHANISM - Universal Fitting

- Mechanical Suspension with couple springs & hydraulic shock-absorber
- 80mm Suspension Stroke
- 150mm Sliding Base Adjustment
- 50-120kg Operator Weight Adjustment
- Multi Angle Base for 5 Position









 \emph{i} Pictures may differ from standard equipment.



www.starseat.com.tr

ECO-11SM TYPE MECHANISM

















The seat mechanism has a multifunctional structure as provide various angles. This feature support fast and easy fixing according to the mounting angle of your vehicle for multiple holes.







ECO TYPE 11-05SM MECHANISM

MULTI-FUNCTIONAL MECHANISM - Universal Fitting

- Mechanical Suspension with couple springs & hydraulic shock-absorber
- 80mm Suspension Stroke
- 30mm Height Adjustment
- 150mm Sliding Base Adjustment
- 50-120kg Operator Weight Adjustment
- Multi Angle Base for 5 Position















Height Adjustment

Fore/aft Adjustment



Springs

Shock

Absorber

MULTI-FUNCTIONAL MECHANISM Angle and Height Adjustment













Base Angle







30mm

102°-116°-118°-120°-142°

STAR TYPE O3SM MECHANISM Universal Fitting

- Mechanical Suspension with couple springs & hydraulic shock-absorber
- 80mm Suspension Stroke
- 150mm Sliding Base Adjustment
- 50-120kg Operator Weight Adjustment
- 102° Base Angle

Weight Adjustment Knob





STRONGER CONSTRUCTION





03SM / APPLICABLE SEAT TOPS

























490mm

ST C11







03SM / APPLICABLE SEAT TOPS



























STAR TYPE 11SM MECHANISM Universal Fitting

- Mechanical Suspension with couple springs & hydraulic shock-absorber
- 80mm Suspension Stroke
- 150mm Sliding Base Adjustment
- 50-120kg Operator Weight Adjustment
- Multi Angle Base for 5 Position 102°-116°-118°-120°-142°

Weight Adjustment Knob







Couple

Springs







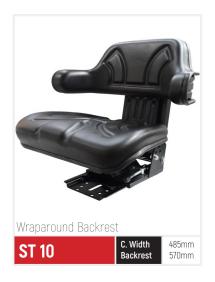






11SM / APPLICABLE SEAT TOPS



























11SM / APPLICABLE SEAT TOPS





















STAR TYPE 05/06SM MECHANISM Homologation Series

- Mechanical Suspension with couple springs & hydraulic shock-absorber
- 100mm Suspension Stroke
- 60mm Height Adjustment
- 150mm Sliding Base Adjustment
- 50-120kg Operator Weight Adjustment
- 102° Base Angle
- 1322/2014 (2018/830W2) EEC Homologation Certification

Weight Adjustment Knob







STRONGER CONSTRUCTION

















Hydraulic Shock Absorber

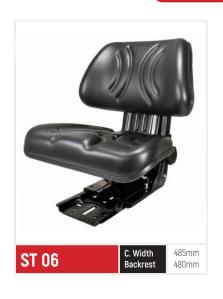
Height Adjustment

05/06SM / APPLICABLE Seat Top



























05/06SM / APPLICABLE Seat Top





Backrest Adjustment

Seat Cushion Depth Adj.

Back: 30° | Front: 85°

40mm

















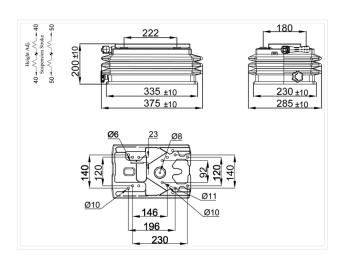






STARPIUS TYPE SP12-TV1 MECHANISM HOMOLOGATED | Scissor Type, Narrow Mechanical Suspension

- Mechanical Suspension with four springs & hydraulic shock-absorber
- 100mm Suspension Stroke
- 80mm Height Adjustment
- 50-130kg Operator Weight Adjustment
- Universal Fixed Base
- 1322/2014 (2018/830W2) EEC Homologation Certification







SP12-TV1 APPLICABLE SEAT TOPS

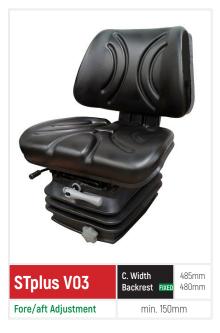






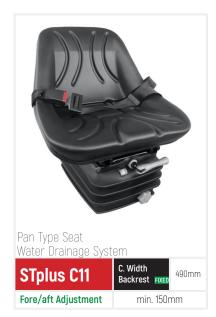














SP12-TV1 APPLICABLE SEAT TOPS





Backrest

Fore/aft Adjustment

Backrest Adjustment

Backrest Adjustment

Seat Cushion Depth Adj.

475mm

min. 150mm

Back: 30° | Front: 85°

Back: 30° Front: 85°

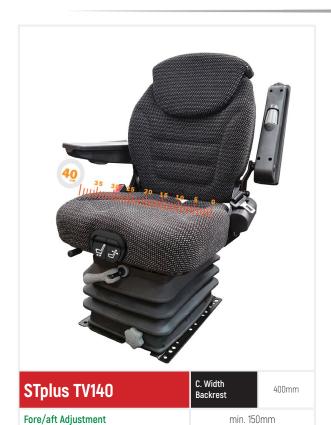
40mm













Fore/aft Adjustment

Backrest Adjustment



min. 150mm

Back: 30° | Front: 85°





SP12-TV1 APPLICABLE SEAT TOPS

















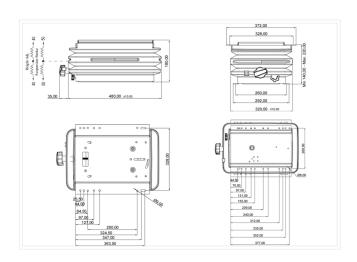






STARPlus TYPE SP12-TV4 MECHANISM HOMOLOGATED | Scissor Type, Wide Mechanical Suspension

- Mechanical Suspension with couple springs & hydraulic shock-absorber
- 100mm Suspension Stroke
- 80mm Height Adjustment
- 50-150kg Operator Weight Adjustment
- Universal Fixed Base
- 1322/2014 (2018/830W2) EEC Homologation Certification







SP12-TV4 APPLICABLE SEAT TOPS





















SP12-TV4 APPLICABLE SEAT TOPS





STplus TV4-LX 3CTRL	C. Width Backrest	520mm 445mm
Fore/aft Adjustment	min. 190mm	
Backrest Adjustment	Back: 30° Front: 85°	
Seat Cushion Depth Adjustment	40mm	١
Seat Cushion Tilt Adjustment	6°	













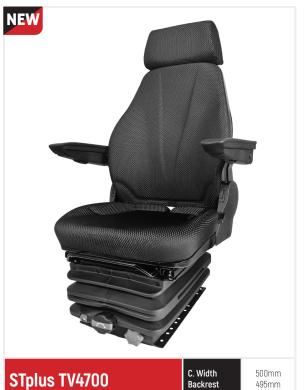
STplus TV4700 3CTRL	C. Width Backrest	520mm 495mm	
Fore/aft Adjustment	min. 190	min. 190mm	
Backrest Adjustment	Back: 30° F	Back: 30° Front: 85°	
Seat Cushion Depth Adjustment	40mr	40mm	
Seat Cushion Tilt Adjustment	6°	6°	





SP12-TV4 APPLICABLE SEAT TOPS



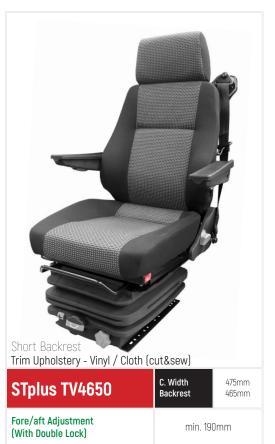


min. 190mm

Back: 30° | Front: 85°







Fore/aft Adjustment (With Double Lock)

Backrest Adjustment







Adjustable Seat Cushion (Fore and Aft. 70mm)



Backrest Adjustment

 \emph{i} Pictures may differ from standard equipment.

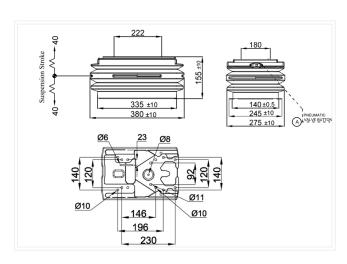
Certification

Back: 42° | Front: 5°

M2-M3 | N2-N3

STARPIUS TYPE SP12-TV2 MECHANISM HOMOLOGATED | Scissor Type, Narrow Pneumatic Suspension

- Pneumatic Suspension with air spring & hydraulic shock-absorber With 12V or 24V | 9A Built-In Compressor
- 80mm Suspension Stroke
- 50-150kg Manuel Operator Weight Adjustment
- Universal Fixed Base
- 1322/2014 (2018/830W2) EEC Homologation Certification







SP12-TV2 APPLICABLE SEAT TOPS

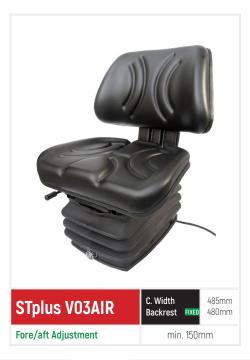


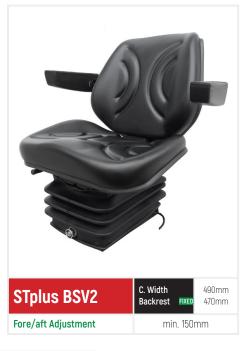










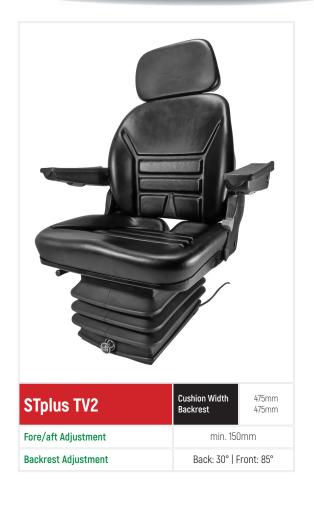






SP12-TV2 APPLICABLE SEAT TOPS

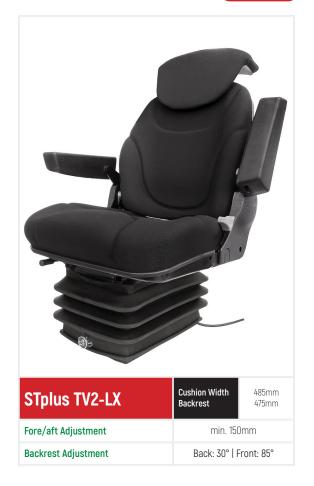


















Fore/aft Adjustment

Backrest Adjustment Seat Cushion Depth Adj.



min. 150mm Back: 30° Front: 85°

40mm









STARPlus TYPE SP12-TV3 MECHANISM HOMOLOGATED | Scissor Type, Wide Pneumatic Suspension

- Pneumatic Suspension with air spring & hydraulic shock-absorber
 With 12V or 24V | 9A Built-In Compressor
- 140mm Suspension Stroke
- 50-150kg Automatic Operator Weight Adjustment
- Fore/Aft Isolator With Damper 35mm Travel
- Universal Fixing Base
- 1322/2014 (2018/830W2) EEC Homologation Certification





SP12-TV3 APPLICABLE SEAT TOPS



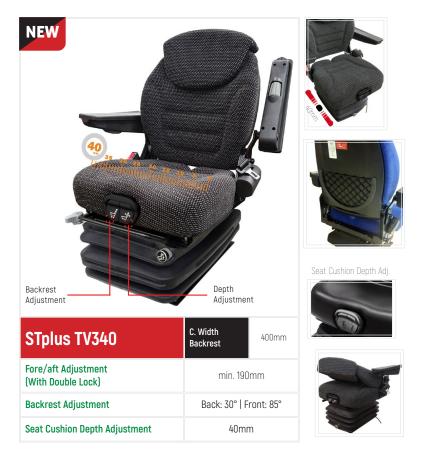






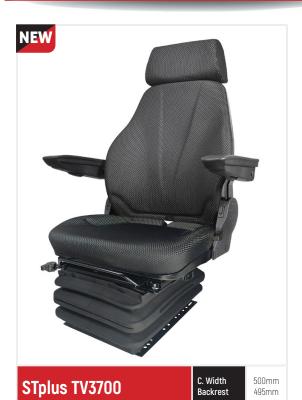






SP12-TV3 APPLICABLE SEAT TOPS





min. 190mm

Back: 30° | Front: 85°

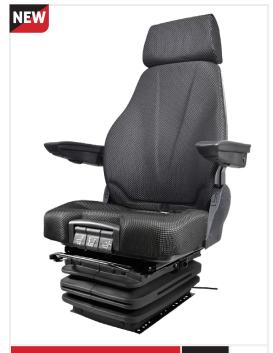
Fore/aft Adjustment (With Double Lock)

Backrest Adjustment









STplus TV3700 3CTRL	C. Width Backrest	520mm 495mm
Fore/aft Adjustment (With Double Lock)	min. 190mm	
Backrest Adjustment	Back: 30° F	ront: 85°
Seat Cushion Depth Adjustment	40m	m
Seat Cushion Tilt Adjustment	6°	



STplus TV3650	C. Width Backrest	475mm 465mm	
Fore/aft Adjustment (With Double Lock)	min. 19	min. 190mm	
Backrest Adjustment	Back: 42°	Back: 42° Front: 5°	
Certification	M2-M3	M2-M3 N2-N3	



STplus TV3730	C. Width Backrest	475mm 465mm
Fore/aft Adjustment (With Double Lock)	min. 190mm	
Backrest Adjustment	Back: 42° Front: 5°	
Certification	M2-M3	N2-N3













STARPlus TYPE SP12-TV5 MECHANISM HOMOLOGATED | Scissor Type, Wide Pneumatic Suspension

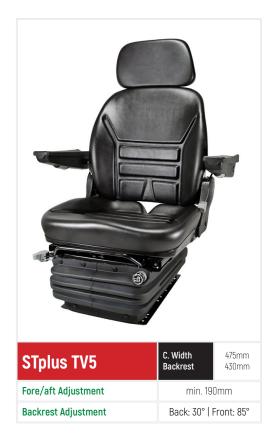
- Pneumatic Suspension with air spring & hydraulic shock-absorber With 12V or 24V | 9A Built-In Compressor
- 80mm Suspension Stroke
- 50-150kg Manuel Operator Weight Adjustment
- Fore/Aft Isolator 35mm Travel
- Universal Fixing Base
- 1322/2014 (2018/830W2) EEC Homologation Certification





SP12-TV5 APPLICABLE SEAT TOPS











STplus TV5-LX	C. Width Backrest	485mm 475mm
Fore/aft Adjustment	min. 190mm	
Backrest Adjustment	Back: 30° Front: 85°	



STplus TV5700	C. Width Backrest	500mm 495mm
Fore/aft Adjustment (With Double Lock)	min. 190)mm
Backrest Adjustment	Back: 30° F	ront: 85°







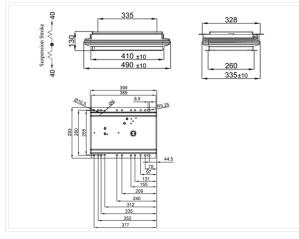


STplus TV5700 3CTRL	C. Width Backrest	520mm 495mm
Fore/aft Adjustment (With Double Lock)	min. 190mm	
Backrest Adjustment	Back: 30° Front: 85°	
Seat Cushion Depth Adjustment	40mm	
Seat Cushion Tilt Adjustment	6°	

STARPIUS TYPE SP12-TV6 MECHANISM HOMOLOGATED | Scissor Type, Wide Pneumatic Suspension

- Pneumatic Suspension with air spring & hydraulic shock-absorber With 12V or 24V | 9A Built-In Compressor
- 80mm Suspension Stroke
- 50-150kg Manuel Operator Weight Adjustment
- Universal Fixing Base
- 1322/2014 (2018/830W2) EEC Homologation Certification











Fore/aft

Isolator





Automatic Weight Adjustment





SP12-TV6 APPLICABLE SEAT TOPS





Fore/aft Adjustment

Backrest Adjustment







min. 190mm Back: 30° | Front: 85°







Operator Seat WITH JOYSTICK



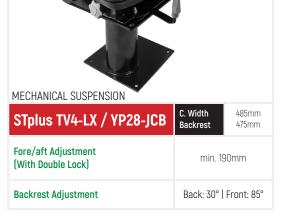
















Operator Seat WITH JOYSTICK







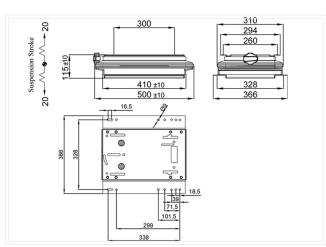




STARplus TYPE SP12-FSV1LS MECHANISM Scissor Type, LOW Mechanical Suspension

- LOW Mechanical Suspension with couple springs & hydraulic shock-absorber
- 40mm Suspension Stroke
- 50-130kg Operator Weight Adjustment
- Universal Fixed Base









Mechanical



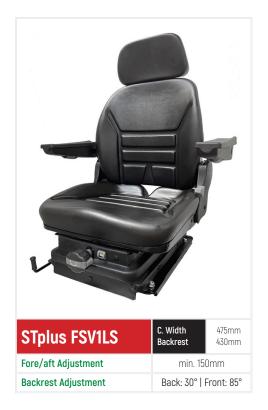


Weight Adjustment



SP12-FSV1LS APPLICABLE SEAT TOPS

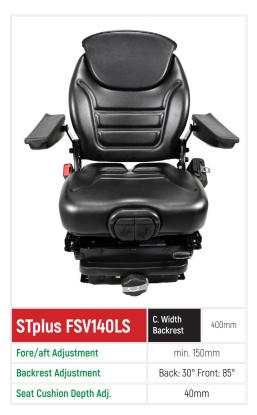














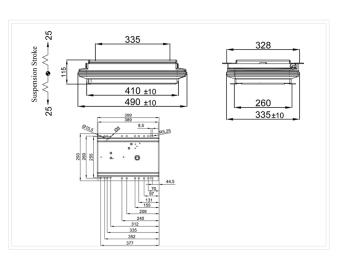




Adjustable Seat Cushion

STARPIUS TYPE SP12-FSV2LS MECHANISM HOMOLOGATED | Scissor Type, LOW Pneumatic Suspension

- LOW Pneumatic Suspension with AIR spring & hydraulic shock-absorber With 12V or 24V | 9A Built-In Compressor
- 50mm Suspension Stroke
- 50-150kg Manuel Operator Weight Adjustment
- Universal Fixed Base
- 1322/2014 (2018/830W2) EEC Homologation Certification













SP12-FSV2LS APPLICABLE SEAT TOPS





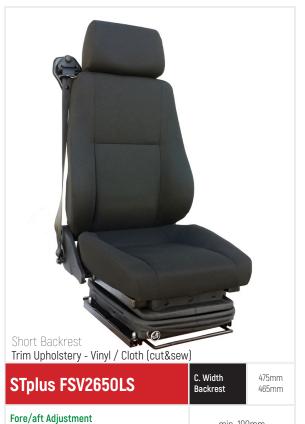








Adjustable Seat Cushion





min. 190mm

Back: 42° | Front: 5°

M2-M3 | N2-N3



(With Double Lock)

Backrest Adjustment Certification

STARplus TYPE SP12-DRV3 MECHANISM Scissor Type, AIR Suspension

- Automatic AIR Suspension with AIR spring & hydraulic shock-absorber
- 100mm Suspension Stroke
- 60mm Height & Tilt Adjustment
- Quick Release with ON/OFF Button
- 50-150kg Automatic Operator Weight Adjustment
- Universal Fixed Base





Short Backrest Trim Upholstery - Vinyl / Cloth (cut&sew)

C. Width Backrest 475mm STplus DRV3650 465mm Fore/aft Adjustment min. 190mm (With Double Lock) **Backrest Adjustment** Back: 42° | Front: 5° Certification M2-M3 | N2-N3

Long Backrest Trim Upholstery - Vinyl / Cloth (cut&sew) C. Width 475mm STplus DRV3730

WORKING IN STEEP ANGLES. Adjustable Seat Cushion (Fore and Aft. 70mm) 3P Automatic Seat Belt

SEAT TILT ADJUSTMENT FOR BETTER COMFORT WHILE













Fore/aft Adjustment

(With Double Lock) **Backrest Adjustment**

Certification

465mm

min. 190mm

Back: 42° | Front: 5°

M2-M3 | N2-N3

Backrest

STAR & STARplus TYPE

SEAT UPPERS - W/O SUSPENSION

Seats For Forklift | Agriculture | Special Vehicles

- Seat Uppers
- Without Suspension
- Universal Fixed Base





Driver's seat top with/without cradle designed for























W/O SUSPENSION

















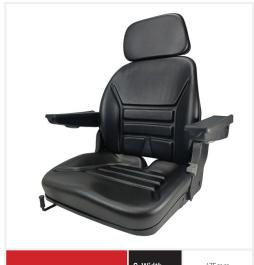








STplus FSV1LX	C. Width Backrest	485mm 475mm
Fore/aft Adjustment	min. 150mm	
Backrest Adjustment	Back: 30° Front: 85°	



STplus FSV1	C. Width Backrest	4/5mm 430mm
Fore/aft Adjustment	min. 150mm	
Backrest Adjustment	Back: 30° Front: 85°	













STplus FSV140	C. Width Backrest	420mm	
Fore/aft Adjustment	min. 150	min. 150mm	
Backrest Adjustment	Back: 30° F	Back: 30° Front: 85°	
Seat Cushion Depth Adj.	40mm		









(With Double Lock) **Backrest Adjustment**





min. 190mm

Back: 30° | Front: 85°





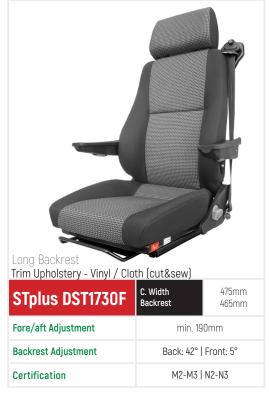


STplus FSV1700 3CTRL	C. Width Backrest	520mm 495mm
Fore/aft Adjustment (With Double Lock)	min. 190mm	
Backrest Adjustment	Back: 30° Front: 85°	
Seat Cushion Depth Adjustment	40mm	
Seat Cushion Tilt Adjustment	6°	



















STAR TYPE TRACTOR PASSENGER SEAT

Seats For Tractor & Special Vehicles















 \emph{i} Pictures may differ from standard equipment.







TRACTOR PASSENGER SEATS











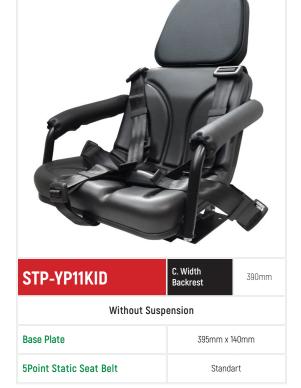
STAR TYPE **TRACTOR KID SEAT**

Seats For Tractor & Special Vehicles









STAR TYPE PLASTIC CONSTRUCTION

Seats For Agriculture | Gator | Lawn & Garden Special Vehicles





PLASTIC CONSTRUCTION





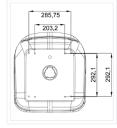










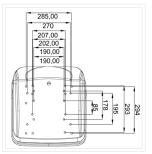


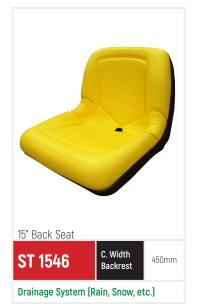




















PLASTIC CONSTRUCTION

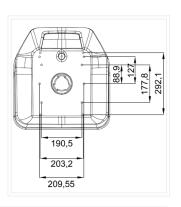










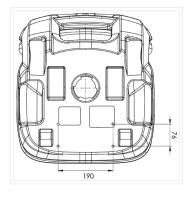
















AKS01

Since 1978



Pressure: 8 bar

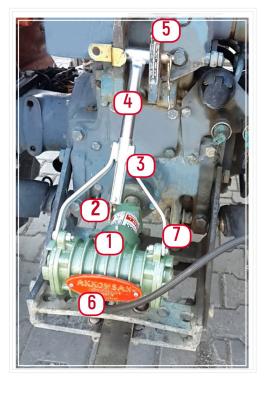
Tractor PTO speed: 540 rpm

Stroke: 42 mm

Net Weight: 9 kgs - Gross Weight: 10 kgs

With 4 meters special air-hose free







"It is adaptable for a lot of type tractors. "

- · Before using your compressor, firstly you have to inject 60 gr grease oil from the screw of grease. (Number 1) (Pumping the grease pump 20 times is approximately 100 gr.)
- Connect the compressor to your tractor using the special lock. (Number 2)
- Connect the pieces to the back of your tractor. (Number 3 & 4)
- To secure your compressor, connect it to the upper lift lever with the drawbar base pin. (Number 5).
- Set the air hose first to your compressor and then to your wheel with the special nut. (Number 6)
- · You can start using the compressor by keeping PTO (Power Transportation Organ) of the tractor between 300-400 cycles.
- · Check the bolts and nuts periodically. (Number 7)
- · Keep the compressor in its original box to protect it from water, dust, and dirtiness, etc. after every use.



Designing, Engineering and Manufacturing













We are at your side with a solution-oriented approach in all projects from design to R&D, from mold manufacturing to mass production processes for your special vehicles.

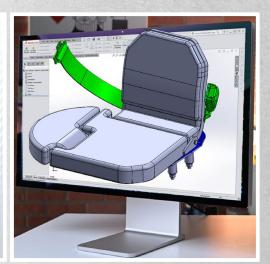














MECHANISM *L Type, Scissor Type [Mechanical, Pneumatic Systems]

L Type Suspension Mechanism







ECO-03SM



ECO-11SM



ECO 11-05SM



03SM



11SM



05SM

Scissor Type Suspension Mechanism (Narrow, Wide / Mechanical, Pneumatic)



SP 12-TV1



SP 12-TV4



SP 12-FSV1LS



SP 12-TV2



SP 12-TV3



SP 12-TV5



SP 12-TV6



SP 12-FSV2LS



SP 12-DRV3

Manufacturer AKKOMSAN 59



CUSHION

*Polyurethane driver's seat and backrest with vacuumable or sewable models, designed for various classes of tractors and construction equipment.

ECO SERIES









STAR SERIES

















STPlus SERIES











COMPACT SERIES



Seat Cushion Foam

YP239

Backrest

Cushion Foam

PAN TYPE SERIES







PLASTICS PARTS *Protection plastic, slide adjustment plastic, backrest adjustment handle...



YP 26 Plastic Cover



YP 13 Plastics Guide



YP12 Plastic Rollers



YP 16 Height Adjustment Plastic



SP 09 Weight Adjustment Handle



SP52R SP53L
Plastic Side Cover Right - Left



SP52700R SP53700L Plastic Side Cover Right - Left



SP 52-DRV3-R Plastic Side Cover Right - Left



SP 72R With Spring Headrest Adjustable Plastics



SP 64 DRV Mechanism Plastic











SP 17-DRV3 DRV Tilt Adjustment Handle









ADJUSTMENT HANDLES *For your logo; embroidery, screen printing can be applied.



YP7 ECO Weight Adj. Lever









SLIDE RAILS *With its solid structure, it prevents wear during the operation of your seat and provides a comfortable driving experience..











SPRINGS *Designed to be durable, long-lasting for suspension.



YP6 Suspension Springs (1pcs)















SHOCK ABSORBER *It significantly reduces vibrations and provides a comfortable and healthy drive.







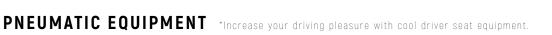


Hydraulic Shock Absorber























RUBBER BELLOW

*Rubber bellows that protects your mechanism system from dirt, dust, etc. harmful substances.











$\begin{tabular}{lll} \textbf{ARMREST} & \begin{tabular}{ll} $^+$ Fixed, Foldable and Height Adjustment model. \end{tabular}$















$\label{eq:ARMREST 300} \quad \text{`Fixed, Foldable and Height Adjustment model}.$

















$\textbf{ARMREST ARN} \ \, \text{`Adjustable Armrest Series. Angle adjustable, height adjustable models.}$













ARMREST ARN 350 ~ `Adjustable Armrest Series. ~ Angle adjustable, height adjustable models.













ARMREST ARN 380 *Adjustable Armrest Series. Angle adjustable, height adjustable models.











HEADREST *For your logo; embroidery, screen printing can be applied.







SEAT BELT *Compatible with all models and certified 1-point, 2-point anchor, 3-point anchor, 5-point anchor models















SWIVEL MECHANISM *This rotating mechanism prevents strain on neck and back muscles, and facilitates entry and exit from the cabin.









SAFETY SWITCH *Vehicle seat security system that detects that the operator is in the seat.











MOUNTAIGE, BRACKET *Universal mounting bracket for external use













 $\textbf{COMFORT EQUIPMENT} \quad \text{`Utility materials that make your ride comfortable}$







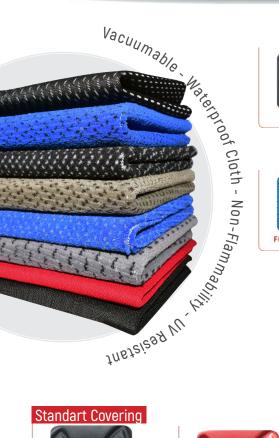


























VINLY UPHOLSTERY COLORS



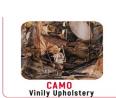
Standart Covering







BLUE Vinly Upholstery



YELLOW Vinly Upholstery











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