

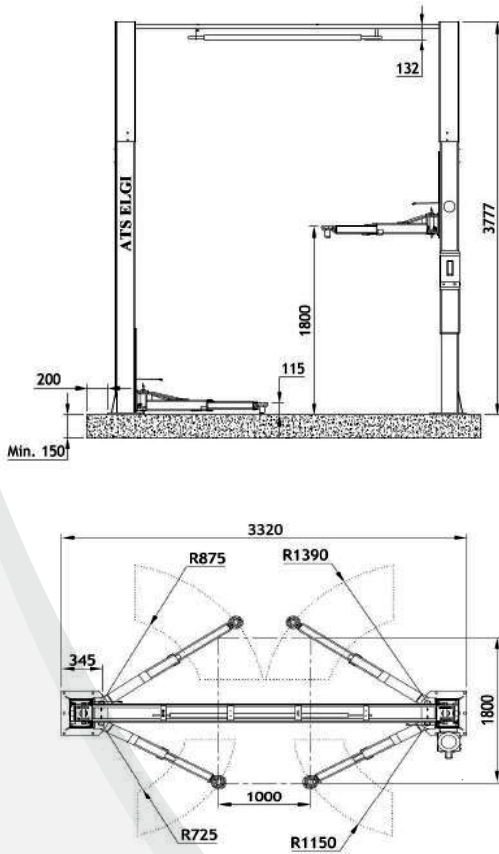


ATS ELGI
THINK LONG RUN

Lifting Equipment



Two Post Hydraulic Lift - Clear Floor



The ATS Elgi Edge - in Black & White

Lifting capacity	4000 kgs.
Lifting time	55 Sec
Min. lifting height	115 mm
Max. lifting height	1800 mm
Overall height	3777 mm
Drive through	2554 mm
Motor Power	2.2 kW
Power Supply	400 V/50 Hz

Advantages

- Base free design makes working beneath the vehicle easy
- True Symmetric column design
- Arm restraints on each arm engages when the vehicle is lifted
- Manual release locking system for two sides
- Two full strokes cylinders, one in each column
- Rubber door- opening protection
- Telescopic Arm pads for quick and easy vehicle contacts
- Single phase variant also available



Made in India



Oil tank



Telescopic Arm pad



Arm Locking Mechanism



XUV 500 Adapters - Optional



Drop in adaptor Optional

Two Post Hydraulic Lift - CE



* CE Certified

The ATS Elgi Edge - in Black & White

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Power Supply	400 V/50 Hz

Advantages

- Base free design makes working beneath the vehicle easy
- Separate power pannel ensures more safty from electrical hazard
- Dead man control system - 24V DC
- Arm restraints on each arm engages when the vehicle is lifted
- Manual release locking system for two sides
- Two full strokes cylinders, one in each column
- Rubber door- opening protection
- Telescopic Arm pads for quick and easy vehicle contacts
- Equipped with hose bust valve to prevent damage from hose/crimping end failure

Two Post Hydraulic Lift - with Base



The ATS Elgi Edge - in Black & White

Lifting capacity	4000 kgs.
Lifting time	55 Sec
Min. lifting height	115 mm
Max. lifting height	1800 mm
Overall height	3666 mm
Drive through	2554 mm
Motor Power	2.2 kW
Power Supply	400 V/50 Hz

Advantages

- Gantry free design enables to service high raised vehicle
- Arm restraints on each arm engages when the vehicle is lifted
- Manual release locking system for two sides
- Two full strokes cylinders, one in each column
- Rubber door- opening protection
- Telescopic Arm pads for quick and easy vehicle contacts



XUV 500
Adapters - Optional



Drop in adaptor
Optional

Wheels - Free Scissors Lift



The ATS Elgi Edge - in Black & White

Lifting capacity	3000 kgs.
Min. lifting height (no load)	200 + 10 mm
Max. lifting height (no load)	1710 + 10 mm
Type of operation	Hydro electric
Lifting time	45 + 5 sec
Lowering time	35 + 5 sec
Safety Mechanism	Pneumatic lock

Powerpack details

Motor	2 HP, 1440 RPM, 3 phase
Pump Type	Gear pump
Oil tank capacity	25 litres

Key areas of operation

- Pre-delivery inspection
- Under chassis repair

Advantages

- Very easy to load and unload
- Very rugged and durable

Double Scissors Lift



The ATS Elgi Edge - in Black & White

Lifting Capacity	3000 kg
Max. lifting height	1900 mm
Min. lifting height	112 mm
Length of the platform	1455 - 1900 mm
Width of platforms	569 mm
Suggested free width between platforms	800 mm
Lifting time	50 sec
Voltage	400V/380V, 3PH
Power	2.6 kW

Features

- Homologated and certified product according to the European Directive EN1493:2010
- Electro-hydraulic lift with 4 cylinders
- Automatic leveling simply by pushing a bleeding button
- Super low-profile design
- Hydraulic synchronization and solenoid safeties
- Parachute valve included
- Overload valve included
- Lowering speed control valve included
- Sensors for top height and the safety height
- Alarming during the final lowering
- Manual emergency lowering

Advantages:

- Better utilization of space
- Convenient to work all around the vehicle without obstacles
- Extendable platform for longer wheel base vehicles
- Lift suitable for both on-ground & in-ground installation
- Easy lifting of Low ground clearance vehicle with In-ground installation
- Easy vehicle & operator maneuverability with In-ground installation
- Optional adaptor to lift SUV & chassis type vehicle

Wheel Alignment Scissor Lift



Four Post Lift



The ATS Elgi Edge - in Black & White

Lifting Capacity	4000 kg
Lifting Capacity of Wheel free jack (WFJ)	3200 kg
Max. Primary Lifting height	2160 mm
Max. Secondary Lifting height (WFJ)	430 mm
Motor Power	2.6 kW
Min Lowered height	290 mm
Supply Condition	400V / 380V - 3 Ph
Lifting Time	60 S
Platform Length	4200 mm
Platform Width	608 mm
Adjusted length of the wheel free jack table	1500 mm - 2000 mm
Suggested free width between platform	977 mm
Pneumatic Pressure	6~8 bar

Wheels free arrangement
(Jacking beam)



The ATS Elgi Edge - in Black & White

Lifting capacity	4000 kg
Lifting time	45 Sec
Max. lifting height	1800 mm
Min. lifting height	170 mm
Motor Power	3 HP, 415V, 3 Ph, 50HZ
Length	5205 mm
Width	3210 mm
Height	2235 mm

Product Features & Advantages:

- Homologated and certified product according to the European Directive EN1493:2010
- Lift suitable for surface or in-ground installation
- Mechanical safeties, air-operated engagement and release
- Long rear slipping plates can be moved in any direction
- Overload valve included
- Sensors for top height and the safety height
- Alarming during the final lowering
- Manual emergency lowering
- Scissor on scissor helps to lift the vehicle in wheel free condition to remove tyre for service/rotation

The most advanced car hoist in the market today.

Not only the most advanced in terms of features, but perhaps the safest, reliable and durable one too. The electro-hydraulic pump that is conveniently placed on the front left post gives remarkable strength. It enables you to lift a car six feet high at an incredible speed of only 45 seconds.

These elements make the Four Post Hoist ideal for

- Wheel alignment
- Wheel changing
- Under chassis inspection
- Transmission System inspection

Washing Hoist

The ATS Elgi Edge - in Black & White

Parameters	FULLY HYDRAULIC			SEMI-HYDRAULIC
	HS 00 040	HS 00 080	HT 00 160	HP 00 040
Capacity (tons)	4	8	16	4
No. of posts	1	1	2	1
Plunger diameter mm	270	320	320	270
Operating pressure Kg/cm ²	9 to 12	12 to 16	12 to 16	9 to 12
Lifting height mm	1500	1525	1525	1500
Ramp length			7620	
-Front mm	4500	5800	5800	4500
-Rear mm	-	-	1500	-
Ramp width mm	700	820	820	700
Oil fill capacity ltrs	210	260	520	170



Arm Attachment (optional)



Reliability packed with features

High-grade steel plungers manufactured to close tolerance with hard chrome plating for high wear-resistance. Also gives a clean good finish. Fibre - Reinforced plastic (FRP) coating for the outer cylinder protects it against corrosion (optional)

- Easily affordable equipment.
- Wide network of dealers.
- Prompt customer support services.
- Spares readily and easily available.
- 24x7 toll free customer service helpline : 1800-425-3500

- Uniquely designed wiper rings to prevent entry of water and dirt particles into the hoist cylinder while raising, servicing and lowering.
- Gland rings used in the plungers to increase performance.
- Heavy-duty rigid ramps can accommodate a wide range of vehicles of varying size and type. No matter what the car, your ATS Elgi hoist can handle it.

Move up to the ATS Elgi Advantage

- ATS Elgi's range of complete lifting equipment decreases the time per operation resulting in increased efficiency.
- Sturdy and rugged equipment reduces breakdowns. So you save on maintenance and running costs.
- State-of-the-art safety features make it a wise investment for years to come.

In Ground Hydraulic Hoist - An efficient worker you can always rely on

One of the most enduring hydraulic hoists in the market, the in ground hydraulic hoist also offers great versatility. It can be used to hoist, wash and lubricate all types of passenger and commercial vehicles.

Models available - fully hydraulic models with independent intermediate oil reservoir and semi-hydraulic models with self-contained air/oil reservoir.

A Range of optional Features

- Drive-on ramp with stoppers to prevent movement or over turning.
- Non-rotator/safety lock leg to enhance stability.
- Slide rail arm assembly can be provided for easy mounting of vehicles on the heavy duty ramps.
- Arm attachment in place of heavy duty ramps for easy loading of mono lock and chassis type vehicles.

Four Wheeler Washing Hoist



Four Wheel Washing Lift with platform

A special Washing lift is developed with Platform. This Platform has been specifically designed to lift the vehicle by wheels in order to prevent fouling of the under chassis with the ramp in case of vehicles with low ground clearance. This platform has been extensively tested for suitability of all models of passenger vehicle and its installation will support both indoor & out door operations.

The ATS Elgi Edge - in Black & White

Type	Hydro Pneumatic
Capacity	3.2 Tons (3200 kgs)
Maximum Lifting Height	1500mm
Plunger Diameter	269mm
Operating Pressure	10 kgf/cm ²
Number of Plungers	1No.
Number of Ramps	1No.
Overall Ramp Length	3500 + 10 mm
Overall Ramp Width	2050 + 10 mm
Lifting Time	40 +5 sec
Oil filling capacity (in IOR)	150 l
Oil filling capacity (in the Unit)	50 l
Recommended compressor output	130 lpm at 10 kgf/cm ²

Benefits

- All types of passenger vehicle can be lifted
- Reduces operator's fatigue
- Easy access to all parts of the vehicle
- Improves productivity
- Reduces operation time
- Enables efficient utilization of water resources
- Hassle free and easy to operate

Two Wheeler Washing Hoist



*Note : 2,3 Platform variants are also available.

Two Wheel Washing Lift

ATS ELGI's two-wheeler washing lift provides smart way to wash two-wheelers. This system is designed to wash four vehicles at a time resulting in saving of time and water. This installation will support both indoor & outdoor operation.

The ATS Elgi Edge - in Black & White

Type	Hydro Pneumatic
Capacity	1000 kgs (4 vehicle each 250 kgs)
Maximum Lifting Height	1500mm
Plunger Diameter	165mm
Operating Pressure	7 kgf/cm ²
Number of Plungers	1No.
Number of Ramps	1No.
Overall Ramp Length	3560 mm
Overall Ramp Width	2062 mm
Lifting Time	40 +5 sec
Oil filling capacity (in IOR)	70 l
Oil filling capacity (in the Unit)	20 l
Recommended compressor output	55 lpm at 7 bar pressure

Benefits

- Lifting and washing of four vehicles at a time
- Reduces operator's fatigue
- Easy access to all parts of the vehicle
- Improves productivity
- Reduces operation time
- Enables efficient utilization of water resources
- Hassle free and easy to operate
- Minimum maintenance costs

Two Wheeler Lift



Key Features

- MS Top - Ensuring High Strength.
- Pneumatically Operated - Easy Operation.

The ATS Elgi Edge - in Black & White

Loading Capacity	180 Kg
Maximum Height	765 mm
Minimum closed height	250 mm
Top platform size	2000x700mm
Overall size	2670x700x365 mm
Air Pressure	6 kgf/cm ²
Unit Weight	150 Kg
Locking Position	400, 500, 700 mm
Valve Operation	Foot Operated

Applications

Specially designed for two-wheeler servicing
Suitable for repair and maintenance under normal conditions.

Mobile Column Lift



Axial stand (Optional)

"A" 1355mm - 1920mm "B" 820mm - 1330mm "C" 450mm - 750mm

The ATS Elgi Edge - in Black & White

Lifting Capacity	7500 Kg/column
Maximum Lifting Height	1700mm
Up speed	120 sec
Down speed	100 sec
Power Supply	400V, 3PH, 50Hz
Motor Power	2.2 KW/column
Wheel Size	280 - 580 mm
Lifting System	Electro - Hydraulic
Lift Dimensions mm	2260 x 1100 x 1200
Dead Weight	580 kg/column

Application

The ML4030 lift is available for the vehicles up to 30 tonnes for the purposes of assembly, repair and maintenance, oil-changing and all possible services.

Advantages:

The vehicle can be anywhere in the workshop and not just at the working bay, thanks to the easy maneuverability of each column for repair, maintenance etc.

Due to continuous engineering improvements, specifications are subject to change. Pictures shown in this folder are representative and not the entire range.

