

**ATS ELGI**  
Think Long Run

# Lifting Equipment



Elevate your business prospects

# Mechanical Hoist (Two post lift)



The ATS ELGI Edge -in Black & White

Parameters	Model: MT 04 030	Model: MT 04 032
Lifting capacity	3000 kg	3200 kg
Electric motor power rating	4 HP	4 HP
Electric power supply	415V, 3 Ph	415V, 3 Ph
Max. lifting height	1750 mm	1750 mm
Min. lowering height	145 mm	145 mm
Lifting time	45 sec	45 sec
Swivelling arms adjustments -Min.	650 mm	650 mm
Swivelling arms adjustments -Max.	1050 mm	1050 mm
Overall dimensions L x W x H	2650 x 3100 x 1250 mm	2650 x 3100 x 1250 mm



## Providing high levels of convenience and flexibility

The 4-wheeler mechanical hoist is one of the most popular hoist systems among small scale garages and service stations. That is because of its sheer flexibility, portability, high degree of convenience and a surprisingly minimal installation cost.

### Key areas of operations

- Muffler repair.
- Rust-proofing operation.
- Transmission repair.

- Any other repair calling for a wheel-free condition.

### Minimum installation time

This Hoist can be put into service immediately. The total installation time required is just a few hours.

### Requires no expensive installation

The installation of the Hoist is totally above the ground. This means you don't have to prepare a special foundation (the cost of which is phenomenally high).

### Portability enables expansion

This Hoist provides maximum

flexibility for expansion, redesigning your workshop or during relocation.

### Rugged and durable

The 4-wheeler Mechanical Hoist requires very little maintenance, thus bringing you significant cost savings. Its ruggedness makes it a hard worker that works tirelessly and faultlessly for years to come.

### Optional components available

Custom lifting pads for Qualis, Armada, etc.

# Wheels-free Scissor 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

# Four Post Hoist



## 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

### Reaching new heights of safety

The double safety system with eccentric brakes and pneumatic-controlled ratchets ensure complete safety during operations. So, in the unlikely event of a cable fracture, four friction brakes are activated to freeze the descent of the lift instantly. These four brakes, together with the pawl and ratchet rail in each post, lock the lift together as a complete rigid structure at any chosen working height.

### Wheel alignment made easy

The wide platforms come with a recess that can accommodate a turn table. The adjustable ratchet rails ensure that the platforms are completely horizontal when parked. This critical requirement enables accurate wheel alignment. Further, a provision for rear slip plates can be provided in the lift as an optional feature.

### The ATS ELGI Edge - in Black & White

Maximum lifting height	1800 mm
Minimum lowering height	170 mm
Lifting time	45 secs
Capacity	4 tons
Motor power	3 HP, 415V 3Ph, 50 Hz.
Overall Dimensions	
Length	5205 mm
Width	3010 mm
Height	2235 mm



### Quick and steady raising mechanism

This is ensured by the high-speed jacking beam, an indispensable auxiliary equipment. The adjustment range on the telescopic arms provides accuracy and makes the process safe.

### Easy adjustability

The right-hand platform, mounted on a roller unit, is adjustable. Ratched rails in each column are adjustable within a range of maximum 15 mm.

This makes platforms completely horizontal when parked. The front wheel stop is easy to remove. This results in greater accessibility when working on the front wheels.

### Space saving parking

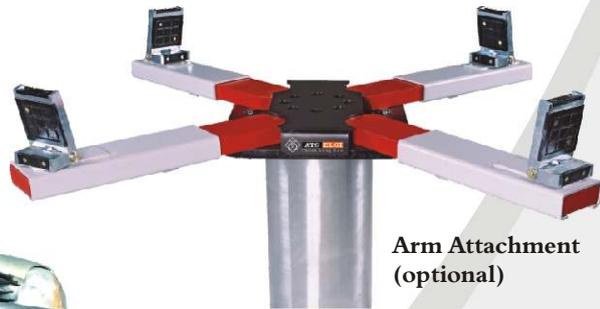
When the lift is raised, it allows extra parking space. This enables maximum space usage in small service centers and garages.

Note: Rear slip plate for wheel alignment will be provided on request

# Hydraulic Lift

## The ATS ELGI Edge - in Black & White

Parameters	FULLY HYDRAULIC					SEMI-HYDRAULIC	
	HS 00 040	HS 00 080	HT 00 080	HP 00 20 0T	HT 00 160	HP 00 040	HP 00 080
Capacity (tons)	4	8	8	1.5	16	4	8
No. of posts	1	1	2	1	2	1	1
Plunger diameter mm	270	320	270	165	320	270	320
Operating pressure Kg/cm <sup>2</sup>	9 to 12	12 to 16	9 to 12	8 to 10	9 to 12	9 to 12	12 to 16
Lifting height mm	1500	1525	1500	1500	1525	1500	1525
Ramp length							
-Front mm	4500	5800	4500	4000	5800	4500	5800
-Rear mm	-	-	1500	-	1500	-	-
Ramp width mm	700	820	700	1000	820	700	820
Oil fill capacity ltrs	210	260	420	90	520	170	260



**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

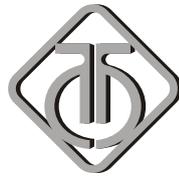
- ATS ELGI's range of complete lifting equipment decreases the time per operation resulting in increased efficiency.
- Sturdy and rugged equipment reduces breakdowns. So you save on maintenance and running costs.
- State-of-the-art safety features make it a wise investment for years to come.

### 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.



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## ATS ELGI Training Centre



The ATS ELGI Training Centre for Automotive Equipment, located at Coimbatore is dedicated to helping automotive service stations and Original Equipment Manufacturers (OEMs) train their technicians in handling and maintaining of garage equipment.

Besides this, training is also conducted for ATS ELGI Service Engineers who are involved in interacting with garage equipment customers.

The objectives of these training courses are as follows:

- To impart training on all diagnostic

equipment under one roof

- To impart skills on interpreting the diagnosis
- To impart tips on the causes of failure and their remedies
- To educate trainees on basic maintenance practices of the equipment

## The Long Run Benefits only with ATS ELGI

Over 45 years of experience and continuous innovations make ATS ELGI's Lifting Equipment such a brilliant solution for you. They are exceptionally dependable and engineered to global practices like Six Sigma, TPM, TQM and Quality Circles. Added to the innumerable product advantages is the invaluable edge of service. A vast dealer network spanning India and the world ensures easy availability and prompt service. The fact is those who think long run, insist on ATS ELGI – the global service station solution company.

## ATS ELGI Ltd.

(A wholly owned subsidiary of Elgi Equipments Ltd.)

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