

# Catalogue Of Tohatsu V30as Academic PDF

## Catalogue of Tohatsu V30AS

The **catalogue of Tohatsu V30AS** offers a comprehensive overview of one of the most reliable and efficient outboard motors in the market. Designed for boat enthusiasts, fishing aficionados, and commercial operators, the Tohatsu V30AS combines power, durability, and advanced technology in a compact package. Whether you're seeking a dependable motor for small boats, fishing vessels, or leisure craft, understanding the specifications, features, and options available in the Tohatsu V30AS catalogue is essential for making an informed purchase. This article provides an in-depth exploration of the Tohatsu V30AS, covering its technical specifications, key features, available configurations, accessories, and maintenance guidelines.

## Overview of Tohatsu V30AS Outboard Motor

The Tohatsu V30AS is a 30-horsepower outboard motor renowned for its robust performance and innovative design. It is part of Tohatsu's renowned line of outboards that emphasize fuel efficiency, ease of operation, and long-term durability. The V30AS model caters to a broad spectrum of users, from recreational boaters to commercial operators, offering a balanced mix of power and portability.

Key Highlights:

- 30 horsepower engine
- 4-stroke design for cleaner emissions and quieter operation
- Compact and lightweight structure
- Advanced cooling and lubrication systems
- User-friendly controls and ergonomic design

## Technical Specifications of Tohatsu V30AS

Understanding the technical specifications is crucial for selecting the right outboard motor. The Tohatsu V30AS boasts a range of features that optimize its power delivery and operational reliability.

### Engine and Power

- Horsepower: 30 HP

- Engine Type: 4-stroke, single-cylinder
- Displacement: 432 cc
- Cooling System: Water-cooled with thermostatic control
- Ignition System: Digital CDI ignition
- Fuel System: Carbureted with fuel efficiency in mind

## Performance and Operation

- Maximum Speed: Varies based on boat weight and conditions, typically around 25-30 knots
- Fuel Consumption: Approximately 1.8 liters per hour at cruising speed
- Lubrication: Wet sump lubrication system
- Starting System: Electric start with optional manual pull-start backup

## Physical Dimensions and Weight

- Length: Approximately 1.2 meters (47 inches)
- Width: 0.55 meters (22 inches)
- Height: 1.2 meters (47 inches)
- Dry Weight: Around 35 kg (77 pounds)

## Additional Specifications

- Gear Ratio: 2.08:1
- Propeller: Includes a standard aluminum propeller, with options for stainless steel
- Shifting: Forward, neutral, and reverse gears
- Mounting: Universal mounting bracket compatible with most boat transoms

## Features and Innovations of Tohatsu V30AS

The Tohatsu V30AS is equipped with several features that enhance performance, safety, and user experience.

### 1. Compact and Lightweight Design

- Facilitates easy transportation and installation
- Ideal for small boats and dinghies

## **2. Advanced Cooling System**

- Ensures engine operates at optimal temperature
- Extends engine lifespan and maintains performance

## **3. Digital CDI Ignition**

- Provides reliable starting and smooth engine response
- Reduces fuel consumption and emissions

## **4. Easy Maintenance and Serviceability**

- Accessible oil and fuel filters
- Quick access to spark plugs and cooling components

## **5. Ergonomic Controls**

- Comfortable tiller handle with throttle and shift controls
- Optional remote control systems for larger vessels

## **6. Safety Features**

- Over-rev limiter to prevent engine damage
- Low oil warning system
- Emergency stop switch (kill switch)

## **7. Compatibility with Tohatsu's Optional Accessories**

- Propellers of various sizes and materials
- Tohatsu's electronic control systems
- Boat mounting kits and protective covers

## **Configurations and Variants Available in the Tohatsu V30AS Catalogue**

The Tohatsu V30AS comes in several configurations to meet diverse boating needs:

### **1. Tohatsu V30AS with Electric Start**

- Designed for ease of operation
- Ideal for recreational boaters seeking convenience

### **2. Tohatsu V30AS with Manual Start**

- Simpler, cost-effective option
- Suitable for backup systems or budget-conscious users

### **3. Tohatsu V30AS with Remote Control**

- Features remote throttle and shift controls
- Perfect for larger boats requiring advanced control systems

### **4. Special Editions and Package Deals**

- Bundled with accessories such as propellers, mounting kits, or safety gear
- Often available through authorized dealers

## **Available Accessories for Tohatsu V30AS**

Enhancing the functionality and longevity of your Tohatsu V30AS can be achieved through a wide range of accessories:

- Propellers: Various sizes, materials, and blade designs to optimize performance
- Control Cables: Throttle, shift, and remote control systems
- Mounting Brackets: For secure installation on different boat transoms
- Protective Covers: To safeguard the motor during storage or transport
- Fuel Tanks and Lines: Compatible with Tohatsu outboards
- Oil and Maintenance Kits: For routine servicing
- Steering Systems: Mechanical or hydraulic options

## **Maintenance and Care for Tohatsu V30AS**

Proper maintenance extends the lifespan and ensures optimal performance of the Tohatsu V30AS.

## Routine Checks

- Inspect propeller for damage or debris
- Check oil levels and change oil periodically
- Examine fuel lines and filters for wear
- Clean cooling system components to prevent overheating
- Inspect electrical connections and controls

## Scheduled Servicing

- Annual professional servicing recommended
- Replace spark plugs and filters as per manufacturer guidelines
- Update software or control systems if applicable

## Storage Tips

- Drain fuel or add fuel stabilizer if storing long-term
- Keep the motor in a dry, covered area
- Tilt the motor vertically to prevent water accumulation

## Where to Find the Tohatsu V30AS Catalogue

The official Tohatsu website provides detailed digital catalogues, specifications sheets, and user manuals for the V30AS. Authorized Tohatsu dealers and distributors also maintain physical catalogues and offer expert guidance on selecting the right configuration. For comprehensive details, specifications, and accessories, visit the official Tohatsu website or contact your local authorized dealer.

## Conclusion

The **catalogue of Tohatsu V30AS** encapsulates a versatile, reliable, and efficient outboard motor suitable for a wide range of boating applications. With its advanced features, multiple configurations, and extensive accessory options, the V30AS stands out as a top choice for boat owners seeking performance and durability. Proper understanding of its specifications, features, and maintenance requirements ensures optimal use and longevity of the motor, making it a valuable investment for both recreational and professional maritime activities. Always consult the official catalogue or

authorized dealer for the latest updates and tailored advice to meet your specific boating needs.

## Catalogue of Tohatsu V30AS

The catalogue of Tohatsu V30AS offers a comprehensive overview of this versatile and reliable outboard motor designed for a wide range of boating applications. Tohatsu, a reputable Japanese manufacturer with over a century of experience, has built a solid reputation for producing durable, efficient, and innovative marine engines. The V30AS model, in particular, stands out for its lightweight design, user-friendly features, and impressive performance. Whether you're a recreational boater, a professional fisherman, or involved in small commercial operations, understanding the details within the Tohatsu V30AS catalogue can help you make an informed decision on whether this engine suits your boating needs.

## Overview of Tohatsu V30AS

The Tohatsu V30AS is a portable, four-stroke outboard motor that combines power, efficiency, and ease of use. Its compact design makes it ideal for small boats, dinghies, tenders, and inflatable boats. The V30AS is appreciated for its advanced engineering features, low emissions, and quiet operation. The catalogue details specifications, features, available accessories, and warranty options, providing users with all necessary information to optimize their use of this engine.

## Technical Specifications

Understanding the technical specifications is crucial when evaluating the suitability of the Tohatsu V30AS for your vessel. The catalogue provides an in-depth look at:

- Horsepower: 30 HP (horsepower)
- Displacement: 432 cc
- Engine Type: 4-stroke, single-cylinder
- Cooling System: Water-cooled
- Fuel System: Carbureted with automatic choke
- Ignition System: Tohatsu TLDI (Tohatsu Digital Ignition)
- Starting System: Electric and manual recoil
- Weight: Approximately 56 kg (123 lbs)
- Fuel Tank Capacity: Optional external fuel tank, usually 24 liters
- Propeller Options: Multiple pitch options for different boating conditions

These specifications highlight the engine's balance of power and portability, making it suitable for various small craft applications.

## Design and Build Quality

The Tohatsu V30AS boasts a robust yet lightweight design, emphasizing portability without compromising durability. The catalogue emphasizes the following design features:

### Materials and Construction

- Corrosion-resistant aluminum housing ensures longevity, especially in saltwater environments.
- Sealed cooling passages prevent corrosion and sediment buildup.
- Vibration-dampening mounts reduce engine noise and enhance comfort during operation.

### Ergonomics

- Easy-to-access control panels with clearly labeled switches.
- Compact size facilitates transportation and storage.
- Ergonomic handle for manual lifting and maneuvering.

### Pros

- Durable construction suitable for harsh marine conditions.
- Lightweight design reduces operator fatigue.
- Compact dimensions make transportation straightforward.

### Cons

- The single-cylinder design, while lightweight, may produce more vibration compared to multi-cylinder engines.
- Slightly limited power for larger vessels or demanding applications, but ideal for small boats.

## Performance and Efficiency

The catalogue emphasizes the Tohatsu V30AS's balanced performance profile. Thanks to innovative engineering, it offers:

### Power Delivery

- Consistent power output suitable for cruising, trolling, and punctuated maneuvers.
- Smooth acceleration with responsive throttle control.

### Fuel Efficiency

- Low fuel consumption, thanks to advanced combustion technology.
- Meets stringent environmental standards with low emissions.

### Noise Levels

- Operates quietly, enhancing the boating experience.
- Vibration-reduction features contribute to reduced noise.

### Pros

- Excellent fuel economy for its class.
- Smooth and reliable performance.
- Capable of handling various small boat configurations.

### Cons

- Performance may slightly diminish at higher altitudes without adjustments.
- Max RPM limits require adherence to recommended operating ranges to prevent engine wear.

## Ease of Use and Maintenance

The Tohatsu V30AS is designed to be user-friendly, especially for boaters with limited mechanical experience. The catalogue highlights several features:

### Starting System

- Dual starting options: electric start for convenience and manual recoil backup.
- Easy-to-operate ignition switch.

### Maintenance Features

- Accessible oil fill and drain ports facilitate routine oil changes.
- Spark plug access allows for quick inspection and replacement.
- Self-winding recoil starter minimizes manual effort.

### Features Enhancing Ease of Use

- Automatic choke system simplifies cold starting.
- Built-in safety features, such as kill switch and tilt lock.

### Pros

- Simple to start and operate, even for beginners.
- Low maintenance requirements with accessible service points.
- Reliable ignition system ensures quick starts every time.

### Cons

- External fuel tank may require regular refilling.
- Some users may prefer more advanced digital controls found in higher-end models.

## Control and Steering Features

The V30AS includes a range of control features to optimize handling and safety:

- Remote throttle and shift controls enable precise maneuvering.
- Tillermount handle with adjustable tension for comfortable operation.
- Steering arm compatible with standard remote steering systems.
- Built-in anti-ventilation plate helps prevent cavitation.

### Pros

- Precise control for various boating scenarios.
- Comfortable tiller handle with ergonomic grip.
- Compatible with steering systems, making it versatile.

### Cons

- Limited to manual steering; no power steering option.
- Requires compatible remote steering setup for larger boats.

## Available Accessories and Optional Features

The Tohatsu V30AS catalogue lists several accessories to enhance performance, safety, and convenience:

- External fuel tanks of various capacities.
- Propellers tailored for different water conditions.
- Engine covers for protection during storage.
- Remote steering kits for ease of handling.
- Soundproof enclosures for noise reduction.

### Optional Upgrades

- Digital tachometers and voltmeters.
- Hydraulic tilt and trim systems.
- Additional safety gear like kill switches and emergency stop buttons.

### Pros

- Wide range of accessories allows customization.
- Compatibility with various boat configurations.
- Enhances safety and operational efficiency.

### Cons

- Additional costs for accessories can accumulate.
- Not all accessories are included in standard packages.

## Price Range and Warranty

The catalogue provides transparent pricing information, which varies depending on the region and dealer. Typically, the Tohatsu V30AS is positioned as an affordable, value-for-money engine within its category.

## Warranty

- Standard warranty covers 3 years for recreational use.
- Extended warranty options are available through authorized dealers.
- Warranty includes coverage for manufacturing defects and major components.

## Pros

- Competitive pricing relative to performance and features.
- Reliable after-sales support with widespread service networks.
- Warranty policies support peace of mind.

## Cons

- Warranty duration may be shorter compared to some competitors.
- Extended warranties may incur additional costs.

## Conclusion and Final Thoughts

The catalogue of Tohatsu V30AS demonstrates that this outboard motor is a well-rounded, dependable choice for small boat owners seeking a balance of power, efficiency, and portability. Its design emphasizes durability and ease of maintenance, making it suitable even for novice boaters. The performance specifications ensure smooth operation across a variety of applications, from leisurely cruising to utility work.

While it may not offer the advanced technological features found in higher-end models, the V30AS compensates with robust construction, low operating costs, and a comprehensive range of accessories. Its competitive pricing, backed by a solid warranty, makes it an attractive option for those looking for a reliable, lightweight outboard motor.

In summary, the Tohatsu V30AS catalogue presents a compelling package for small vessel owners. Its combination of features, performance, and affordability positions it as a top contender in the portable outboard motor market. Whether for recreational boating, fishing, or small-scale commercial use, the V30AS delivers consistent value, making it a prudent investment for marine enthusiasts.

Note: Before purchasing, always consult the latest catalogue or authorized dealer to confirm specifications, warranty terms, and available accessories tailored to your specific needs.

**Question** What are the key features of the Tohatsu V30AS outboard motor? The Tohatsu V30AS features a 30 horsepower, 4-stroke engine with compact design, lightweight construction, fuel efficiency, and reliable performance suitable for small boats and dinghies. Is the Tohatsu V30AS suitable for freshwater and saltwater applications? Yes, the Tohatsu V30AS is designed for both freshwater and saltwater use, with corrosion-resistant components to ensure durability in various marine environments. What are the weight and dimensions of the Tohatsu V30AS? The Tohatsu V30AS weighs approximately 53 kg (117 lbs) and has compact dimensions that facilitate easy transportation and installation, making it ideal for small boats. Does the Tohatsu V30AS come with a tiller or remote control option? The Tohatsu V30AS features a tiller handle for easy manual operation, and some models are compatible with remote control systems for enhanced convenience. What maintenance requirements does the Tohatsu V30AS have? Regular maintenance includes checking and changing engine oil, inspecting the propeller, cooling system, and spark plugs, along with annual servicing to ensure optimal performance. How fuel-efficient is the Tohatsu V30AS compared to similar outboards? The V30AS is known for its excellent fuel efficiency, thanks to its 4-stroke engine design, which consumes less fuel compared to older 2-stroke models, providing longer operation times. Is the Tohatsu V30AS easy to install and operate for beginners? Yes, the V30AS is designed with user-friendly features, making it accessible for beginners, with straightforward installation and simple operation controls. What warranty and support are available for the Tohatsu V30AS? Typically, Tohatsu offers a limited warranty covering manufacturing defects, along with comprehensive customer support and authorized service centers to assist with maintenance and repairs. Where can I find the official catalogue of the Tohatsu V30AS? The official catalogue of the Tohatsu V30AS can be downloaded from the Tohatsu Marine website or obtained through authorized Tohatsu dealers and distributors for detailed specifications and options.

**Related keywords:** Tohatsu, V30AS, outboard motor, marine engine, boat engine, Tohatsu V series, portable outboard, marine propulsion, Tohatsu motors, V30AS specifications