



# NH 2800 TTW



## Mandrake.ATM

*Payments That Pay You*

— Est. 2004 —

# ATM



Mandrake.ATM

## ATM

PAYMENTS  
THAT PAY YOU

RECEIPT



Auto

CARD  
INSERT

CASH

*Experience, Integrity,  
Reliability*



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# Premium Through-the Wall ATM

The Mandrake.ATM NH 2800 TTW combines proven engineering with contemporary architectural presentation to create a customer experience that feels intuitive, premium and dependable.

Designed for modern retail, hospitality, entertainment and transport environments, the Nautilus Hyosung 2800 TTW ATM integrates seamlessly into high-traffic commercial spaces while delivering the reliability demanded by modern professional ATM operations

The NH 2800 TTW has been designed for flexible employment across a wide range of customer-facing commercial environments. Ideal for: shopping centres; fuel stations and convenience stores; hospitality venues, airports; retail precincts; sporting venues; schools; entertainment venues; pharmacies; regional commercial hubs; hotels and pubs; hospitals and medical practices; and many other types of venues.

## The ATM Platform

The NH 2800 TTW has been engineered for high-volume transaction environments where uptime, security and customer usability are essential.

Its weather-resistant through-the-wall architecture, high capacity cash handling system and intuitive customer interface make it ideal for premium commercial deployments.



# Built for Demanding Environment

## NH 2800 TTW (NFC-Ready)

<b>Innovative Design</b>	The NH 2800 TTW offers a wide range of transactions and features including a user-friendly interface with a large 30.7 cm display screen and a tactile touch function keys.
<b>Capacity</b>	A significant benefit of the NH 2800 TTW is its high-capacity note storage, capable of filling out up to three removable cassettes. This allows businesses to store more cash, reduce their cash-in-transit calls, and improve their overall cash handling
<b>Reliability</b>	Ease of maintenance and streamlined service routines provide maximum availability and increased uptime with minimal operational intervention.
<b>Visibility</b>	The built-in LED backlit sign makes this already attractive ATM even more visible. Add a video topper to advertise your business or stream paid advertising of your choice in order to attract more customers and increase revenue.
<b>Through-the-Wall Design</b>	Architecturally integrated deployment profile.
<b>Security Focused</b>	EMV-certified architecture with advanced encryption systems.
<b>High-Capacity Cash Handling</b>	Up to 6,000-note dispensing configuration.
<b>Serviceable Design</b>	Modular engineering for efficient maintenance workflows.
<b>Multi-Network Connectivity</b>	TCP/IP, LTE, LAN and 4G support.



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# Technical Specifications

## NH 2800 TTW (NFC-Ready)

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<b>Dimensions (H x W x D)</b>	1,822 x 400 x 670mm
<b>Weight</b>	Approximately: 360 kg
<b>Cash Dispenser</b>	3 cassettes, up to 6,000 notes, another cassette optional
<b>Cash Handling</b>	3 cassettes—2,000 notes each, 40 notes per transaction, note by note reject (200 bills max)
<b>Display</b>	30.7 cm LCD screen
<b>Customer Interface</b>	PIN Pad-PCI compliant, ADA audio guidance-earphone jack
<b>Card Reader</b>	EMV compliant, anti-skimming, ISO 1,2,3, and IC card reader (optional)
<b>Receipt Printer</b>	7.62 graphical thermal receipt printer
<b>Encryption</b>	Triple DES, AES 256-bit
<b>System Platform</b>	Microsoft Windows CE 6.0
<b>Network</b>	TCP/IP, LAN, NFC and 4G
<b>Power Supply</b>	AC 90-264V, frequency: 47-63 Hz
<b>Environmental Conditions</b>	Temperature: 0 to 40 degrees C, Humidity: 25-85%
<b>Additional Features</b>	Weatherised, illuminated topper, EPP illumination, support for 6 languages (English, Spanish, French, Japanese, Chinese and Korean)
<b>Safe Type</b>	UL 291 Level 1 (Business Hours), UL 291-1 (optional)
<b>Lock Type</b>	Electronic combination lock, KABA Mas Cencon (optional), dial lock (optional)
<b>NFC-Ready</b>	Supports ATM transactions using digital wallets on smartphones.

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# Our Four Pillars of Excellence

Even the best ATM hardware in the world is only dependable as the network standing behind it. At Mandrake.ATM, every deployment of an NH 2800 TTW ATM is supported by an integrated ecosystem of what we call **The Four Pillars of Excellence: Operational Wisdom, Trust, Radical Transparency and Boobsta®**, the digital engine behind our operational excellence.

## 1. OPERATIONAL WISDOM

A very significant portion of our operational wisdom is codified in Boobsta®, our proprietary cloud-based operational platform designed specifically for the realities of ATM deployment, ATM site management and merchant relationship management. However, in the challenging logistical and telecommunications conditions of a vast country like Australia, there is an accumulation of unique knowledge and experience gained in the field, that cannot be captured by any software. Mandrake.ATM combines modern technology with something far rarer in the ATM industry: deep operational wisdom earned through decades of real-world experience. While many deployers rely solely on automated systems and outsourced support, our team understands the countless variables that influence ATM reliability, uptime, cash flow performance, and merchant satisfaction. From diagnosing unusual faults to solving complex site-specific infrastructure challenges, our people bring creative problem-solving abilities that software alone cannot replicate. This operational expertise allows us to proactively identify issues, minimise downtime, and keep our merchants' payment systems operating at peak performance.



## 2. TRUST: Relationships built on Reliability

Trust is not claimed—it is earned through consistency, transparency, and follow-through. At Mandrake.ATM, we understand that our merchants rely on us not only for technology, but for dependable financial outcomes and responsive support. Our nationwide network of elite ATM technicians and operational partners remains fiercely loyal to Mandrake.ATM because we value integrity, professionalism, and timely payment practices. That same commitment extends to our customers. We communicate clearly, respond quickly, honour our commitments, and treat every deployment as a long-term partnership rather than a transaction. In an industry where service standards can vary dramatically, we believe reliability should never be optional.

## 3 RADICAL TRANSPARENCY: Honest Communication

Many ATM deployers hide behind vague statements, delayed reporting, confusing billing structures, or poor communication. Mandrake.ATM takes the opposite approach. We believe merchants deserve complete clarity regarding surcharge income, transaction performance, maintenance activity, and payment schedules. Our commitment to radical transparency means providing accurate reporting, clear communication, timely rebate payments, and straightforward commercial arrangements without hidden surprises. We believe trust grows when customers always know where they stand—and when accountability is built into every interaction. Transparency is not just a value for us; it is a competitive advantage that strengthens long-term business relationships.



#### **4. BOOBSTA®—THE IT BACKBONE POWERING OUR OPERATIONAL EXCELLENCE**

Boobsta® is Mandrake.ATM's proprietary cloud-based ATM management and operational intelligence platform, purpose-built specifically for the ATM deployment industry. Far more than a conventional CRM or reporting tool, Boobsta® automates and streamlines almost every routine workflow associated with ATM installations, repairs, maintenance coordination, merchant onboarding, communications, payment administration, and operational tracking.

By intelligently integrating operational data, technician workflows, merchant management, and service coordination into a single ecosystem, Boobsta® dramatically improves efficiency, responsiveness, and organisational visibility across the entire business. Automated workflows reduce delays, minimise human error, accelerate fault resolution, and ensure installations and repairs are managed proactively rather than reactively.

Combined with Mandrake.ATM's deep operational expertise, Boobsta® allows us to deliver a level of service precision, uptime management, and merchant experience that many ATM deployers struggle to replicate. It is the invisible operational engine powering faster responses, cleaner administration, greater transparency, and more reliable ATM performance across our entire network.



## Contact us



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