

GMEIII-P GMEIII(MRL)-P

Lifting The Future

Ver.: 2023.08A
Prt.no: 2024.01

XIO LIFT 西奥电梯

提升中国的力量

(Exclusive Partner - Singapore)

Address: 201 Henderson Road #04-09 APEX@Henderson,Singapore 159545 (Tel):

(65) 6841 5683 (Web): www.xiolift.sg (Email): info@xiolift.sg

XIOASSIST (24/7 EMERGENCY)

6536-5488

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The technical parameters, specifications and graphics of this product in this brochure reflect the technical characteristic and configuration of the elevator model when the deadline is closed(see the back cover version number). We reserve the right to change the product's technical parameters, selection and color at any time. This brochure only provides general information, not as a contract document, the specific configuration parameters to the formal contracts shall prevail.



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XIO LIFT 西奥电梯

OFFERING A NEW WHOLESOME EXPERIENCE FOR THE BUILT INDUSTRY

Extensively innovated and developed traction technology with extraordinary ride comfort and lifting experience to be the perfect blend for high-end hotels, residentials, office buildings and every other building types.



DESIGNED TO PERFORM



Hoisting with PU-coated steel belts, which have a lifespan 2-3 times longer than conventional wire ropes.



Our traction motor, made with high-temperature resistant magnetic steel, lasts over 20 years, exceeding national standards by 150%.



Our controller features a high-performance motherboard for seamless, low-latency AI transmission.



Our door operator is EN81-20/50:2014 certified, IP54-rated, and has a lifespan of 3 million operations.

INTELLIGENT AND SAFE RIDE



Our intelligent control system uses PESSRAL technology for UCMP module control, enhancing safety and enabling remote lift monitoring.



Our IoT-ready platform integrates AI-driven big data for predictive maintenance, enhancing remote monitoring to optimize rescue operations.



Steel Belts Safety Features

Intelligent Tracking	After reaching its programmed lifespan, the lift will cease normal operations automatically.
Over-Bending	Cease regular operations upon detection of the angle sensor surpassing the designated threshold for bent angles.
Slippage	UCMP and ACOP provide comprehensive protection.
Broken Strand	Our CBMS (Continuous Belt Monitoring System) operates as a normally closed circuit within our electrical safety system, sending a continuous electrical current. It detects abnormalities, such as increased resistance due to broken wire strands, belt elongation, or severe wear, triggering an open circuit to halt lift operations.
Tensile Strength	
Elongation of Belt	
Belt Wear	

TRAVEL IN STYLE, QUIETLY.



A polyurethane-coated steel belt with a 45# chrome-plated sheave significantly reduces noise compared to traditional wire ropes and steel sheaves.



Precision machinery with a non-cantilevered traction sheave, mounted on our R&D dampening material, maximizes noise reduction.

ENVIRONMENT SUSTAINABILITY



Polyurethane-coated steel belts designed for lifetime non-lubrication.



Certified with the highest energy efficiency rating of "A+++" according to 2 PfG CH 0016:2021-01 standards.



Regenerative drive option, ideal for mid-high-rise buildings, returns kinetic energy to the power grid when moving up or down with varying loads relative to the counterweight.



Programmed to automatically power off all lights and fans after a specified period of inactivity.

ARTIFICIAL INTELLIGENCE



Internet Of Things

Every selected lift is continuously monitored by sensors, which upload operational data and potential issues to the cloud for AI analysis, creating a personalized maintenance profile.

Absolute Position Reference System

The system's magnetic reference strip continuously monitors the slightest change in the current lift position for levelling precision to ± 1 mm and programmable unintended movement protection threshold.

Unwanted Entry Identification

The AI system detects e-scooters and other freight transports entering passenger lifts. It sounds an alarm and displays a message directing them to use the freight lifts instead.



DEDICATED USER EXPERIENCE



Voice Playback

Playback recordings during special operating conditions (overload, full load, auto-leveling, etc.) to inform and reassure passengers.

Facial Recognition

Installed inside the lift cabin or lobby, it serves as a touchless option to either call the lift or activate the "registered home" floor.

Intelligent Dispatch System

Periodically switches to AI operation mode (+20% efficiency) to ease heavy traffic. VIP mode available to serve a specific floor.

AI Traffic Flow Analysis

Analyze traffic flow with cameras, assign more elevators to crowded floors to minimize wait and travel times.

STANDARD CAR DECORATION



XO-Z1022

Cabin Wall:

Brushed Stainless Steel

Car Ceiling XO-Z0393(L):

HTH01-Dolphin grey + LED Downlights

OPTIONAL CAR DECORATION



XO-Z1269A

Cabin Wall XO-Z1269J:

Rear Wall: (MGQZ01-Rose Gold) + Mirror polished Stainless Steel

Left & Right Side Walls: (XYB01-Ivory) + (MGQZ01-Rose Gold)

Front Wall: (MGQZ01-Rose Gold)

Car Ceiling XO-Z0397 (L):

Brushed Stainless Steel + LED Panel Light



XO-Z1271A

Cabin Wall XO-Z1271J:

Rear Wall: (QSJ01-Rose Gold) + Etched Mirror Stainless Steel (XO-Z0988)

Left & Right Side Walls: (QSJ01-Alluvial- Gold)

Front Wall: (QSJ01-Alluvial-Gold)

Car Ceiling XO-Z3313(L):

Brushed Stainless Steel + LED Panel Light

OPTIONAL CAR DECORATION



XO-Z1232

Cabin Wall XO-Z1232J :

Rear Wall: Cream Marfil Granite + Bronze Stainless Steel Trims + LED strip lights + Wooden Laminates (PW-121)

Left & Right Side Walls: Bronze mirror Stainless Steel Trims with Wooden Laminates (PW-121)

Car Ceiling XO-Z1232J :

Mirror-polished Stainless Steel + LED Panel Light

Hand Rails XO-Z1232F :

Bronze Mirror Stainless Steel (Round)



XO-Z1234

Cabin Wall XO-Z1234J :

Rear Wall: Anti-fingerprint Matte Stainless Steel
Left & Right Side Walls: Mirror-polished Stainless Steel + Anti-fingerprint Matte Stainless Steel + Anti-fingerprint Matte Stainless Steel on both sides + LED Panel Light

Front Wall: Anti-fingerprint Matte Stainless Steel

Car Ceiling XO-Z1234D(L) :

Spray Painted Steel(RAL9022) + LED Panel Light + LED Downlight



OPTIONAL CAR DECORATION



XO-Z1215

Cabin Wall XO-Z1215J :

Rear Wall: Mirror-etched Stainless Steel (XO-Z0902)
Left & Right Side Walls: Powder Coated Steel(RAL1035)
Front Wall: Mirror-polished Stainless Steel

Car Ceiling XO-Z3301(L) :

Mirror-polished Stainless Steel + LED Downlight + Spray Painted Steel(RAL9004) + LED Panel Light



XO-Z1261

Cabin Wall XO-Z1261J :

Rear Wall: Jazz-white metal veneer in the middle, starry-sky gray metal veneer on both sides
Left & Right Side Walls: Symphony-gold metal veneer in the middle, starry-gray metal veneer on both sides
Front Wall: Starry-sky gray metal veneer panel
Baseboard:Starry-sky gray metal veneer panel

Car Ceiling XO-Z1261D(L) :

Symphony-gold metal veneer panel + Spray Painted Steel (RAL9004) + spotlight

STANDARD
SIGNALIZATION

COP2

Display



6.4" BND-LEDW
Magnifying Glass
(COP width≥300mm)



15" TFT-LCD
Vertical Screen
C402
(COP width≥300mm)



15" TFT-LCD
Horizontal Screen
C401
(COP width≥375mm)

Hall Call



XHB25-A
(Standard Configuration)
4.3" BND-LEDW



XHB15-A
(Optional)
4.3" BND-LEDW



OPTIONAL
SIGNALIZATION

COP6

Car Operating Panel (COP)

Display



Moonlight
Silver

Jet
Black

COP6



10" BND-LEDW



15" TFT-LCD
Vertical Screen
(COP width≥300mm)

Hall Call



Moonlight
Silver



Jet
Black

XHB21-A
4.3" BND-LEDW
BR36E Round glass button

Ceiling Series



XO-Z3313(L)



XO-Z3315(L)



XO-Z0391(L)



XO-Z3301(L)



XO-Z0397(L)



XO-Z0394(L)



XO-Z0378(L)



XO-Z0396D(L)

PVC Floor Series



XO-Z0485



XO-Z0483



XO-Z0481



XO-Z0475



XO-Z0470



XO-Z0477A

 Basic Features

 – Basic Features

Fully Collective Operation	Full Load Bypass
Parking Floor	False Car Call Cancellation
Floor Learning	Locking Landing Call
Door Open & Close	Door Opening Time
Auto Self Correction	Door Close Cancellation
Door Re-opening	Torque Compensation
Change of Direction	Attendant Service
Independent Service	

 Security Features

Terminal Protection	Rescue Operation
Overheat Protection	Door Force Limiter
Overspeed Protection	Safety Contact Malfunction
Electrification Malfunction	Door Contact Malfunction
Overload Buzzer	Door Dwell Time
Fire Homing	Brake Malfunction
Landing Door Self-learning	

 – Emergency Features

5-way Intercom System	Alarm Bell
Automatic Rescue Device	Emergency Light

 – Energy-saving Features

Fan & Light Control	Energy Saving
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 – Signalization

Arrival Chime	Directional Indicator
Display Indicator	Special Mode Indicator
Floor Indicator	Button Illumination

 – Intelligence

Memory Floor	Intelligent Door Dwell Time
Operating Temperature Monitor	Intelligent Ride Comfort
Nuisance Call Detection	

 – Special Run

Anti Nuisance	Auto Parking
Call Lock	Learn Position
Maintenance Mode	Silent Run
Recording Playback	Automatic Rescue (Nearest Floor)
Unstable Current	Emergency Stop
Programming-free	

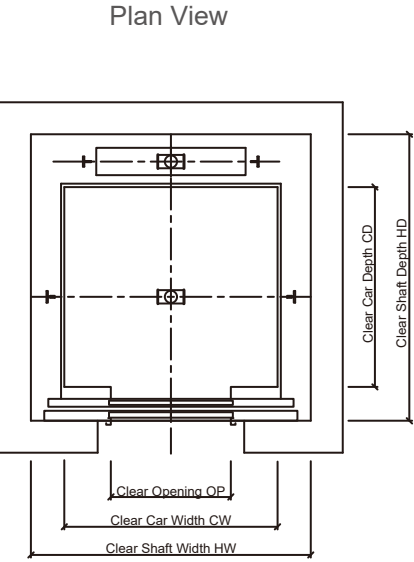
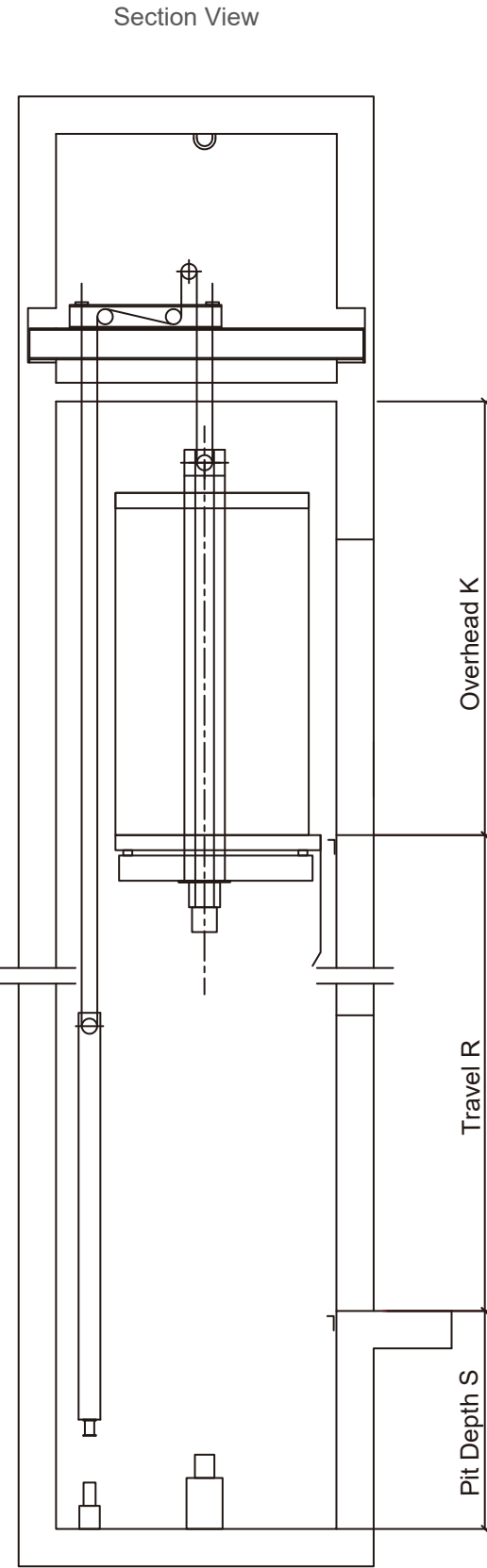
 – Steel Belt Protective Function

Lifespan Protection	Overbent Protection
Slippage Protection	Breakage Protection
Elongation Protection	Tensile Strength Protection
Wear Protection	

 Optional Features

Arrival Wait	CCTV Interfacing
Attendant Mode	Internet of Things
Regenerative Drive	Car Air-conditioner
Auto-releveling	Anti Vandalism
Anti-Reversal	Peak Period Programming
Group Collective	Card Access
Landing Arrival Chime	Arrival Chime
Fire Homing	Button Buzzer
BA Interfacing	5-way Intercom auto dialer
Computer Monitoring	ARES
Through Door Opening	Seismic Operation
Emergency Intercom	Pit Water Ingress Detection
CCTV	
Automatic On-Off	
Lift Assigning	
VIP Operation	
Anti Nuisance Landing Call	
Automatic Rescue Device	
Advance Door Opening	
Door Hold Button	
Voice Synthesizer	
Fireman Operation	

GMEIII-P Machine Room With Rear CWT



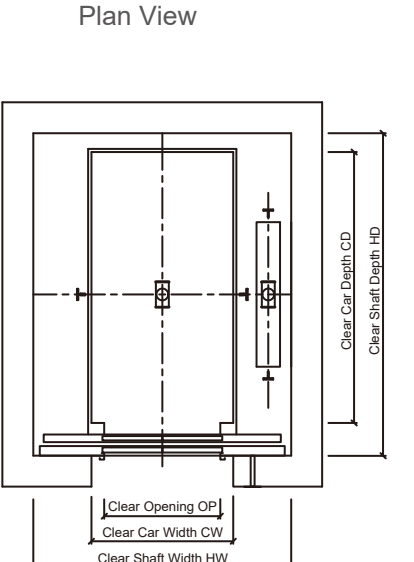
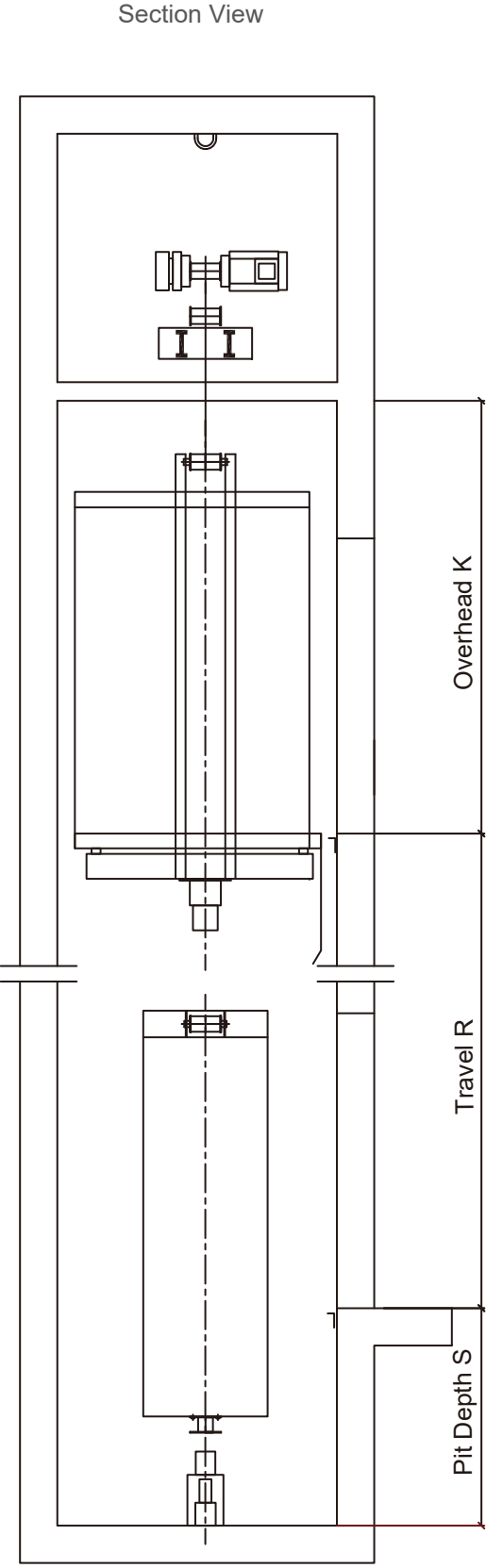
Basic Specification

Rated Speed (m/s)	Pit Depth (mm)	Overhead (mm)	Maximum number of Stops	Maximum Travel Distance (m)
1.0	1200 / 1400	4000	16	50
1.5	1300 / 1500	4150	24	75
1.75	1350 / 1550	4200	32	90
2.0	1600	4300	36	105
2.5	1750	4550	36	125

Car & Shaft Specification

Capacity (kg)	Rated Speed (m/s)	Car Size CW x CD x CH (mm)	Door Size OP x OPH (mm)	Shaft Size SW X SD (mm)
675	1.0	1200 x 1400 x 2400	900 x 2100	1800 x 2050
975	1.0 - 1.75	1600 x 1450 x 2400	900 x 2100	2150 x 2100
	2.0 - 2.5	1600 x 1450 x 2400	900 x 2100	2150 x 2100
1050	1.0 - 1.75	1600 x 1450 x 2400	900 x 2100	2150 x 2100
	2.0 - 2.5	1600 x 1450 x 2400	900 x 2100	2150 x 2100
1125	1.0 - 1.75	1600 x 1600 x 2400	1000 x 2100	2200 x 2250
1350	1.0 - 1.75	1800 x 1700 x 2400	1000 x 2100	2350 x 2350
1600	1.0 - 1.75	2000 x 1750 x 2400	1000 x 2100	2550 x 2400

GMEIII-P Machine Room With Side CWT



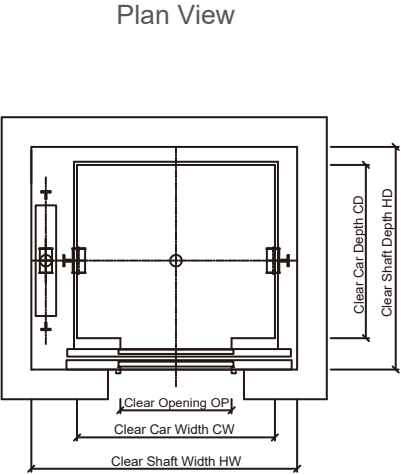
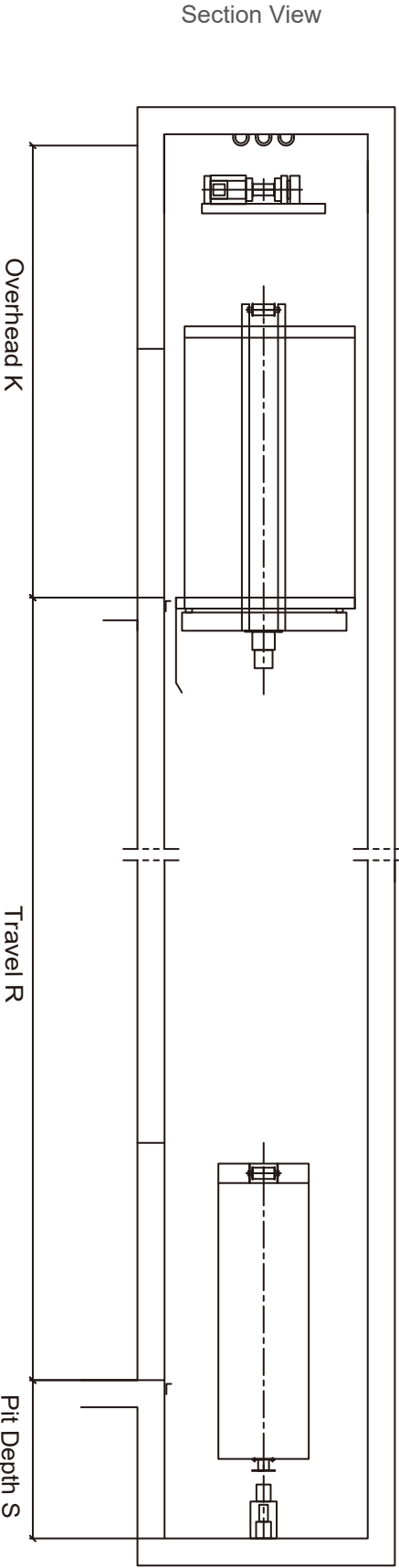
Basic Specification

Rated Speed (m/s)	Pit Depth (mm)	Overhead (mm)	Maximum number of Stops	Maximum Travel Distance (m)
1.0	1200 / 1400	4000	16	50
1.5	1300 / 1500	4150	24	75
1.75	1350 / 1550	4200	32	90
2.0	1600	4300	36	105
2.5	1750	4550	36	125

Car & Shaft Specification

Capacity (kg)	Rated Speed (m/s)	Car Size CW x CD x CH (mm)	Door Size OP x OPH (mm)	Shaft Size SW X SD (mm)
675	1.0	1200 x 1400 x 2400	900 x 2100	1950 x 1800
975	1.0 - 1.75	1600 x 1450 x 2400	900 x 2100	2350 x 1850
	2.0 - 2.5	1600 x 1450 x 2400	900 x 2100	2400 x 1850
1050	1.0 - 1.75	1600 x 1450 x 2400	900 x 2100	2350 x 1850
	2.0 - 2.5	1600 x 1450 x 2400	900 x 2100	2400 x 1850
1125	1.0 - 1.75	1600 x 1600 x 2400	1000 x 2100	2450 x 2000
1350	1.0 - 1.75	1800 x 1700 x 2400	1000 x 2100	2600 x 2100
1600	1.0 - 1.75	2000 x 1750 x 2400	1000 x 2100	2800 x 2150

GMEIII-P Machine Roomless With Side CWT



Basic Specification

Capacity (kg)	Rated Speed (m/s)	Pit Depth (mm)	Overhead (mm)	Max number of Stops	Max Travel Distance (m)
525 - 1050	1.0	1200	4300	16	50
680 - 1050	1.5	1350	4400	24	75
	1.75	1500	4450	32	90
	2.0	1700	4700	32	90
	2.5	1950	5000	32	90
1150 - 1600	1.0	1400	4550	16	50
	1.5	1500	4600	24	75
	1.75	1500	4650	32	90

Car & Shaft Specification

Capacity (kg)	Car Size CW x CD x CH (mm)	Door Size OP x OPH (mm)	Shaft Size SW x SD (mm)
525	1050 x 1350 x 2300	800 x 2100	1800 x 1700
600	1150 x 1350 x 2300	800 x 2100	1800 x 1700
675	1200 x 1400 x 2300	900 x 2100	1900 x 1750
750	1350 x 1400 x 2300	900 x 2100	1950 x 1750
825	1350 x 1400 x 2300	900 x 2100	1950 x 1850
900	1400 x 1550 x 2300	900 x 2100	2100 x 1900
975	1600 x 1450 x 2300	900 x 2100	2300 x 1800
1050	1600 x 1550 x 2300	900 x 2100	2300 x 1900
1125	1650 x 1600 x 2300	1000 x 2100	2300 x 1950
1350	1800 x 1700 x 2300	1000 x 2100	2600 x 2050
1600	2000 x 1750 x 2300	1000 x 2100	2800 x 2100

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