POLYPIA

ASIA PLAYGROUND CATALOG

"Polypia develops with the growth of children"

Polypia supports children's dreams and hopes.

We support dreams and hopes

Polypia is the best entertainment facility company in Korea and produces a variety of small, medium, and large playground products based on differentiated product technology.

Since Polypia establishment in 2000, it has been researching and developing the best value of creating a safe play space, and children will learn and experience cooperation within Polypia's play space. It is our wish to develop with the growth of children.

I hope this book will help you understand the children's playground culture.

Gun Gu Yoon

HISTORY

2000
12. 폴리피아 설립
1공장 가동

2002
06. ISO9001 인증
08. 2공장 완공, 가동

2004
06. PVC 코팅라인 가동

2005
01. 철재 제품 직접생산
조 합 놀 이 대 세 트
제품 출고 시작

2006
04. (주)폴리피아 설립
07. 현공장부지 이전 및 설비
배치 NC 가공라인 가동
12. GD상 수상(pl-501)
벤처 디자인상 수상

2007
04. 한국 건설생활환경
시험연구원 공장인증
08. 클린사업장 인증

2008
10. 3공장 대형제품라인
완공

2010
01. 금형가공용 CNC
도입

2011
12. 기술혁신 중소
기업 (이노비즈)

2012
11. 연구개발전담부서
인증

2013
04. 4공장 소형제품 생산
라인 가동

2014
05. 자원 재활용 분쇄기
설치

2015
02. 에너지 절약 위한 태양광 설치

INTRODUCTION

Polypia is a member of the International Children's Safety Association and produces standard safety products. It is based on the widespread distribution of playground products around the world with better functions by combining them with the safety of Korean children's playgrounds. Polypia is also the best safe product to achieve quality management's "ISO9001" and pass the product's international safety.

In addition, Polypia will make the best PLAYGROUND product that can be proud of MADE IN KOREA by combining domestic and international competitiveness in line with its long-term R&D production plan and development direction into a global company.

Polypia, which prepares for a new leap forward based on change and innovation, depicts the happy world that children dream of, and promises to do its best to help our children develop their dreams safely and joyfully.

Internation safety standard

- Children's play facilities
- Management of future core businesses, child safety research, and strategic markets
- Establish a "21st-century corporate culture" with challenging and flexibility

Compliance with TUV's (International Safety Standard) EN1176 and ISO9001 quality standards, Polypia has been reported in MBC's children's Safety Zone Special broadcast to add to its safety.

Business service

- 2030 Long-Term Planning and Slogan

In line with Polypia's long-term R&D production plan and its development as a global company, we reject foreign products in the children's playground and emphasize Korean image and pride to produce our own strict children's safety products. Polypia will produce high quality products on its own and give high self-esteem to MADE IN KOREA. We will also highlight the image of Korea in connection with global partnerships.

Marketing & Public relation

- Manufacturing specialized in landscaping facilities for children's playgrounds

We have increased the mixing technology of high-quality LLDPE materials and improved productivity with super-large facilities and excellent rotary molding technology. This product is not only domestic but also overseas export products, so it will become the foundation for the children's industry by further activating the service supply sector.

Overseas / ETC Services

- Qualitative management such as TUV EN1176, ISO 9001 etc.

As an IPEMA and IAAPA, Polypia is a membership member of overseas children's safety, and we will continue to provide value to customers through qualitative management such as TUV EN1176 and ISO 9001 for safety and development for children. Based on the collection of information from overseas customers and the accumulation of technology and information, we strive to achieve maximum service and value-added creation for all consumers in Korea and abroad.

Safety is the top priority, and we produce the best products.

Place where children can play in safety.

Safety & Quality Management System

We systematically manage each process and production process by establishing infrastructure for quality management system, and supply products through domestic and overseas safety regulations and self-safety inspection.

In order to establish a safe play culture and create a playground environment where children can be protected and enjoyed, Polypia has been producing high quality products and operating them based on customer trust over the past few decades.

International safety regulations

Compliance with the international safety standards of TUV, EN1176 and ISO9001 quality standards, Polypia was reported on the MBC Children's Safety Zone broadcast in 2003 to add to its safety.

safety test: German stability mechanism's safety test

- International stability regulations for Polypia playgrounds
- SAFETY TEST OF German stability mechanism
- Stability inspection apparatus: Inspection / Test / Confirmation considering the physical size of children

GOOD DESIGN
산업자원부선정

The TUV GS MARK (Geprupte Schieherheit) means an approved safety test and is a well-known safety mark for a variety of products recognized in Germany Government and most countries around the world. The certified product indicates that it has been rigorously tested for safety in an authorized test.

POLYPIA

ASIA PLAYGROUND

Certificate

Polypia, a member of the International Children's Safety Association, produces standard safety products and is based on the establishment of a company that spreads Asian playground products with better functions by incorporating them into playground safety.

Polypia has acquired ISO9001 in quality management and has also put more emphasis on overseas export after testing the product's international safety.

Patent registration

Polypia products are protected by patent registration.

Rotational Molding & LLDPE

Polypia produces products of various designs with excellent technology and the latest rotational production facilities suitable for large-scale production. Rotational production is a 360-degree rotation of molds with LLDPE raw materials, which can be molded into a complex double-wall structure and large products.

LLDPE, which is used as a raw material, is a material that can be used safely by children due to its flexibility, gloss, water resistance, odorlessness, and non-toxic nature. It can be crushed and reused after production.

CNC & HDPE Sheet

Build a large CNC system that can process PE panels to produce small quantities of design products in any color. The PE panel of the Polypia has external shock and UV protection, which is resistant to discoloration.

Iron products

Polypia's iron products have excellent safety and corrosion resistance for children with powdered paint and PVC coating.

01 | Playground Set

Polypia's combination playground is a module structure in which each part is combined. These features create a variety of free and diverse shapes to fit the floor space and layout.

Product Guide
Playground Set

Page No. 18
PL-301

Page No. 18
PL-302

Page No. 19
PL-304

Page No. 19
PL-305

Page No. 20
PL-307

Page No. 20
PL-308

Page No. 21
PL-401

Page No. 21
PL-402

Page No. 22
PL-407

Page No. 22
PL-408

Page No. 24
PL-501

Page No. 25
PL-502

Page No. 26
PL-503

Page No. 27
PL-505

Page No. 28
PL-506

Page No. 30
PL-601

Page No. 30
PL-602

Page No. 31
PL-603

Page No. 32
PL-604

Page No. 34
New model-01

Page No. 34
New model-02

Page No. 35
New model-03

Page No. 36
New model-04

Page No. 37
New model-05

Polypia's PE products are light, flexible, and resistant to external pollution. PE products are highly heat-resistant and are highly non-toxic safe materials that rarely discolor even after prolonged exposure to sunlight.

Model No.
PL-301

- Size : 5.2M x 6.3M
- Overall Height : 3.6M
- Use Zone : 8.7M x 10.3M
- Desingesd for children : 5~12세
- Accommodates : 10~15명

SAFE ZONE

Model No.
PL-302

- Size : 6.9M x 6.3M
- Overall Height : 4.1M
- Use Zone : 10.4M x 10.3M
- Desingesd for children : 5~12세
- Accommodates : 10~15명

SAFE ZONE

Model No.
PL-304

- Size : 5.8M x 6.5M
- Overall Height : 4.1M
- Use Zone : 8.8M x 10.5M
- Desingesd for children : 5~12세
- Accommodates : 15~20명

SAFE ZONE

Model No.
PL-305

- Size : 7.5M x 7.2M
- Overall Height : 4.1M
- Use Zone : 11M x 11.2M
- Desingesd for children : 5~12세
- Accommodates : 20~25명

SAFE ZONE

Model No.
PL-307

- Size : 5.7M x 7.6M
- Overall Height : 4.4M
- Use Zone : 8.7M x 11.6M
- Desingesd for children : 5~12세
- Accommodates : 20~25명

SAFE ZONE

Model No.
PL-308

- Size : 8.1M x 7.6M
- Overall Height : 4.4M
- Use Zone : 12M x 11.6M
- Desingesd for children : 5~12세
- Accommodates : 20~25명

SAFE ZONE

Model No.
PL-401

- Size : 8.8M x 6.8M
- Overall Height : 4.4M
- Use Zone : 12.6M x 10.3M
- Desingesd for children : 5~12세
- Accommodates : 35~40명

Model No.
PL-402

- Size : 10M x 8.1M
- Overall Height : 4.4M
- Use Zone : 13.4M x 11.6M
- Desingesd for children : 5~12세
- Accommodates : 25~30명

Model No.
PL-407

- Size : 9.1M x 6.7M
- Overall Height : 3.6M
- Use Zone : 13.1M x 10.7M
- Desingesd for children : 5~12세
- Accommodates : 20~25명

Model No.
PL-408

- Size : 6.7M x 5.4M
- Overall Height : 3.6M
- Use Zone : 10.2M x 8.9M
- Desingesd for children : 5~12세
- Accommodates : 10~15명

Polypia is researching and developing a combination playground to maintain the highest quality under any environment and conditions.

Model No.
PL-501

- Size : 8M x 4.8M
- Overall Height : 3.9M
- Use Zone : 10.2M x 8.3M
- Desingesd for children : 5~12세
- Accommodates : 15~20명

SAFE ZONE

Front

Right

Model No.
PL-502

- Size : 8.1M x 9.2M
- Overall Height : 4.1M
- Use Zone : 12.1M x 12.2M
- Desingesd for children : 5~12세
- Accommodates : 25~30명

Model No.
PL-503

- Size : 9M x 10.8M
- Overall Height : 4.1M
- Use Zone : 13M x 15M
- Desingesd for children : 5~12세
- Accommodates : 30~35명

Model No.
PL-505

- Size : 8.3M x 9.1M
- Overall Height : 4.1M
- Use Zone : 11.3M x 12.3M
- Desingesd for children : 5~12세
- Accommodates : 25~30명

Front

Right

Model No.
PL-506

- Size : 11M x 9.3M
- Overall Height : 4.1M
- Use Zone : 15.1M x 12M
- Desingesd for children : 5~12세
- Accommodates : 35~40명

Front

Right

Polypia is developing children's dreams and adventures together by producing safe and high quality products.

Model No.
PL-601

- Size : 5.3M x 4.1M
- Overall Height : 3.4M
- Use Zone : 8.8M x 7.5M
- Desingesd for children : 5~12세
- Accommodates : 5~10명

Model No.
PL-602

- Size : 12.6M x 6.3M
- Overall Height : 3.9M
- Use Zone : 16.6M x 10.4M
- Desingesd for children : 5~12세
- Accommodates : 25~30명

Model No.
PL-603

- Size : 9.6M x 9.6M
- Overall Height : 4.4M
- Use Zone : 13.1M x 13.5M
- Desingesd for children : 5~12세
- Accommodates : 30~35명

Front

Right

Model No.
PL-604

- Size : 7.3M x 5.2M
- Overall Height : 3.8M
- Use Zone : 9.9M x 8.6M
- Desingesd for children : 5~12세
- Accommodates : 0~0명

Front

Right

Polypia is designed based on thorough safety standards, and all products are manufactured to meet the safety inspection criteria.

Model No.
New-01-M-02

- Size : 6M x 4.2M
- Overall Height : 4M
- Use Zone : 9.7M x 7.7M
- Desingesd for children : 5~12세
- Accommodates : 0~0명

Model No.
New-02-M-03

- Size : 8.3M x 6.2M
- Overall Height : 4M
- Use Zone : 11.3M x 9.7M
- Desingesd for children : 5~12세
- Accommodates : 0~0명

Model No.
New-03-M-04

- Size : 8.9M x 5.2M
- Overall Height : 4.4M
- Use Zone : 12M x 8.2M
- Desingesd for children : 5~12세
- Accommodates : 0~0명

SAFE ZONE

Front

Right

Model No.
New-04-M-05

- Size : 11M x 5M
- Overall Height : 4.4M
- Use Zone : 14M x 8.4M
- Desingesd for children : 5~12세
- Accommodates : 0~0명

SAFE ZONE

Front

Right

Model No.
New-05-M-01

- Size : 14.1M x 7.1M
- Overall Height : 4.1M
- Use Zone : 16.6M x 10.5M
- Desingesd for children : 5~12세
- Accommodates : 0~0명

Front

Right

02 | Climber series

Rock climbing is a ride that helps children develop their bodies and improve their muscular strength.
The unique texture and texture of the instrument stimulates curiosity, and the climbing structure can feel challenging and fulfilling.

Model No.
PL-RC 07

- Size : 7.3M x 6.7M
- Overall Height : 0M
- Use Zone : 10.3M x 9.7M
- Desingesd for children : 5~12세

SAFE ZONE

■ Front

■ Right

Model No.
PL-RC 01

- Size : 7.9M x 7.7M
- Overall Height : 0M
- Use Zone : 11M x 10.7M
- Desingesd for children : 5~12세

SAFE ZONE

Model No.
PL-RC 02

- Size : 4M x 2.7M
- Overall Height : 0M
- Use Zone : 7M x 5.7M
- Desingesd for children : 5~12세

SAFE ZONE

Model No.
PL-RC 03

- Size : 5M x 4.5M
- Overall Height : 0M
- Use Zone : 8M x 7.5M
- Desingesd for children : 5~12세

Model No.
PL-RC 04

- Size : 8.8M x 4.8M
- Overall Height : 0M
- Use Zone : 12M x 8M
- Desingesd for children : 5~12세

Model No.
PL-RC 05

- Size : 5.7M x 5.1M
- Overall Height : 0M
- Use Zone : 8.7M x 8.1M
- Desingesd for children : 5~12세

Model No.
PL-RC 06

- Size : 7.6M x 5.2M
- Overall Height : 0M
- Use Zone : 10.6M x 8.3M
- Desingesd for children : 5~12세

03 PE PART

PE Product

Polypia produces products using LDPE raw materials. LDPE has excellent water resistance, electrical insulation, and non-toxic and odorless characteristics. We are developing products with child safety as a priority for all products are being developed.

Product Guide
Slide

Wave slide

PWS-900

PWS-1200

PWS-1500

PWS-1800

Double wave slide

PWDS-900

PWDS-1200

Curve slide

PCS-900L

PCS-1200R

Spiral slide

PSS-1650

PSS-2100

Product Guide
Tube slide

Tube slide

⫽PTS-900

⫽PTS-1200

⫽PTS-1500

⫽PTS-1800

⫽PTS-1200S

⫽PTS-1500S

⫽PTS-1800S

⫽PTS-1500C

⫽PTSS-1500

⫽PTSS-1800

Product Guide
Tunnul

Tunnel

PSC-100

PSC-200

PSC-101

PSC-104

PSC-300

PSC-130

Product Guide
Column decoration

FUN & HAPPINESS POLYPIA

Column decoration

PLO-001

PLO-001D

PLO-002

PLO-003

PLO-004

Product Guide
Tube parts

Tube parts

PRT-002

PET-030

PET-090

PST-100

PCS-102

PCS-100H

PCE-030

PET-030H

PCE-090

PST-030

PST-060

Panel 1100

1100 Panel

PSP-404

PSP-405

PTP-507

PTP-509

PWDH-603

Product Guide

Panel 1000

1000 Panel

PSP-401

PSP-402

PSP-501

PSP-601

PTP-502

PTP-503

PTP-504

PTP-505

PCH-601

PWDH-602

PEP-000

PTP-508

PTP-501A

PSP-403

Product Guide
Roof

1000 Roof

Roof-001

Roof-002

Roof-003

Roof-004

1100 Roof

Roof-005

Roof-006

The PE roof of the Polypia is designed to reliably distribute vertical loads to withstand the weight.

04 Metal Products

Polypia's metal products finish with PVC coating and Particle painting and have excellent corrosion resistance. To prevent children from getting tied up in clothes or body, the design is based on thorough safety standards, and all products are manufactured to meet the safety inspection criteria.

Product Guide
Climbers

Climbers

PL-CM 001

PL-CM 002

PL-CM 003

PL-CM 004

PL-CM 005

PL-CM 006

PL-CM 007

PL-SP 202

PL-SP 301

PL-SP 302

PL-CM 008

PL-CM 009

Product Guide
Crossing

Crossing

PL-CR 001

PL-CR 002

PL-CR 005

PL-CR 002

PL-CR 003

PL-Rail

PL-CR 004

Product Guide
Totters

Totters

PL-SP 101

PL-SP 102

PL-SP 103

PL-SP 104

PL-SP 105

PL-SP 106

PL-SP 107

PL-SP 108

PL-SP 401

PL-SP 402

PL-SP 403

PL-SP 404

Product Guide
Deck

Deck

DEK-001

DEK-001A

DEK-002

DEK-002A

DEK-003

DEK-004

DEK-005

PL-ST 002

Seesaw

PL-SP 000

PL-SP 201-2

Product Guide
Part

PE part

PPA-012

PPA-012A

PPA-012B

PPA-014

PPA-008

PPA-007

PPA-013

PPA-019

Metal part

PPA-001

PPA-002

PPA-003

PPA-003C

PPA-004

PPA-005

PPA-006

PPA-018

PPA-015

PPA-016

PPA-017

PPS-001

PPS-002

POLYPIA
Asia Playground

Head office : 10, Jeokha 3-gil, Dongi-myeon, Okcheon-gun,
Chungcheongbuk-do, Republic of Korea
TEL : 043-733-1477
FAX : 043-733-1476
Website : www. polypia.co.kr
E-mail : polypia2000@Hanmail.net