



KAWAMURA GROUP

Company & Products

Think PoSsibility  **KAWAMURA**

KAWAMURA Group uses experience and industry know-how to bring you better orthotics. Also, by working closely with specialists, we can choose orthoses that address patients' needs for greater support and the most comfortable fit.

Product Catalogue 2016 - 2017



Proven Japanese Quality

English

A Typical Japanese Rehabilitation with Orthoses for After-Stroke Patients - Recovery of Walking Ability-



Examples of Papers related to Gait Solution

Title : "Gait Changes in a Hemiplegic Patient Using an Ankle-Foot Orthosis with an Oil Damper: A Case Report",
 Author : Sumiko Yamamoto
 Resource : Clinical Research on Foot & Ankle 2014, 2:2.
 URL : <http://esciencecentral.org/journals/gait-changes-in-a-hemiplegic-patient-using-an-anklefoot-orthosis-with-an-oil-damper-a-case-report-2329-910X-2-136.pdf>

Title : Immediate-term effects of use of an ankle-foot orthosis with an oil damper on the gait of stroke patients when walking without the device
 Author : Yamamoto S, Ibayashi S, Fuchi M, Yasui T,
 Resource : Prosthetics and Orthotics International 2015 Apr;39(2):140-9.
 URL : <http://www.ncbi.nlm.nih.gov/pubmed/24469429>

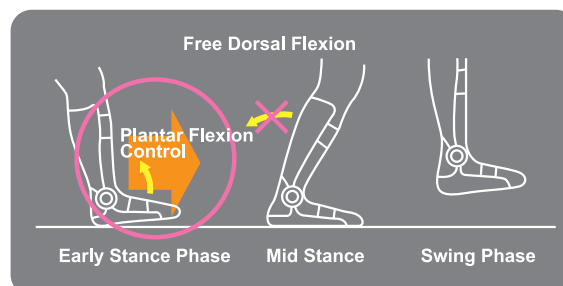
Features of Gait Solution

Feature

Feature 1

A hydraulic shock absorption system adopted to ease difficulties in walking

- ① Plantar Flexion Control: The shock absorber was chosen based on the latest walking analysis. At heel contact, fluid hydraulic allows gradual movement of the ankle joint. The hydraulic braking system can be set to each individual's optimal plantar flexion resistance with a flathead screwdriver at the regulating valve.
- ② Free Dorsal Flexion: Unrestricted dorsal flexion from foot flat through swing phase provides more natural knee movement while walking.
- ③ Optimal Ankle Joint Angle: Internal spring mechanism provides toe clearance during swing phase.
In addition, the strong and light-weight titanium frame assists the calf muscle and offers an increase in walking efficiency.



Feature 2

This product is compatible with many shoes and orthotics

Careful consideration was taken into ensuring a proper heel height, designing the foot-ankle assembly shape, and arranging the rubberized pads on the foot plate to attain the greatest level of customer satisfaction. Also, this Gait Solution orthosis utilizes a rear entry method allowing patients' use without lifting the foot.



Feature 3

Aesthetically pleasing and exceptionally comfortable

The unit is comfortable to wear because of the moisture decentralization pads used for the parts touching the skin.



Title : Gait Improvement of Hemiplegic Patients Using an Ankle-Foot Orthosis with Assistance of Heel Rocker Function
 Author : Yamamoto S, Hagiwara A, Mizobe T, Yokoyama O, Yasui T,
 Resource : Prosthetics and Orthotics International 2009 Dec;33(4):307-23.
 URL : <http://poi.sagepub.com/content/33/4/307.full>

Title : Effects of plantar flexion resistive moment generated by an ankle-foot orthosis with an oil damper on the gait of stroke patients: a pilot study
 Author : Sumiko Yamamoto, Naoki Tomokiyo, Tadashi Yasui, Toshikazu Kawaguchi,
 Resource : Prosthetics and Orthotics International 2013 Jun;37(3):212-21.
 URL : <http://poi.sagepub.com/content/37/3/212.short>

GAITSOLUTION

Design R1

Specifications

Functions

- Braking range
In addition to unrestricted dorsal flexion movement, from the neutral position, there's up to 15 degrees of plantar flexion dampening available.
- Braking Force adjustment range
Resistance can be incrementally adjusted from 2Nm to 20Nm
- Two initial ankle angle positions
0 or 5 degrees, available through part selection

Dimensions

- Calf circumference: 260 mm – 400 mm *1
- Foot length: 230 mm – 260 mm *2
- *1 For the calf and foot straps, the belts provided can be cut to any desired length.
- *2 If there is excessive deformity or the foot length is greater than that above, use the made-to-order plastic or metal Gait Solution.

Indications

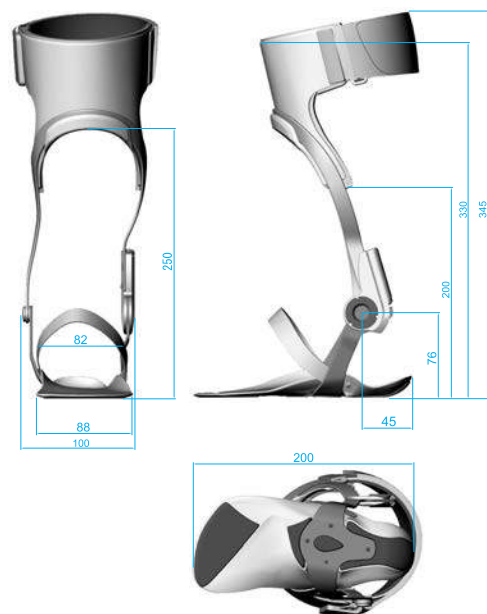
- Hemiplegia, peroneal paralysis, etc.
- Weight limit : 90 kg

Incompatible conditions

- Severe spasticity or deformity
- Significant sensory disturbance
- Extreme hyperextension of the knee

*A therapist or a CPO should adapt the orthosis on a patient under the guidance of a physician.

*This product was developed in conjunction with Professor Sumiko Yamamoto from the International University of Health and Welfare.



* The above figures in blue stand for specifications of M size.

Patients adaptable

| Size | S | M | L |
|-----------------------|-----------|-----------|-----------|
| Height | 145~155cm | 155~170cm | 170~185cm |
| Foot length | 21~23cm | 23~26cm | 26~28cm |
| Shoe size (Reference) | 33~36 | 36~41 | 41~43 |

The warranty period is one year after the delivery date. The durable period on this product is two years when regular inspections and necessary part replacement are performed every 6 months.



Colors

●Standard
(L 69500001/R 69500002)



●Urban
(L 69500003/R 69500004)



●Sports
(L 69500005/R 69500006)





Black

Ortop® AFO LH



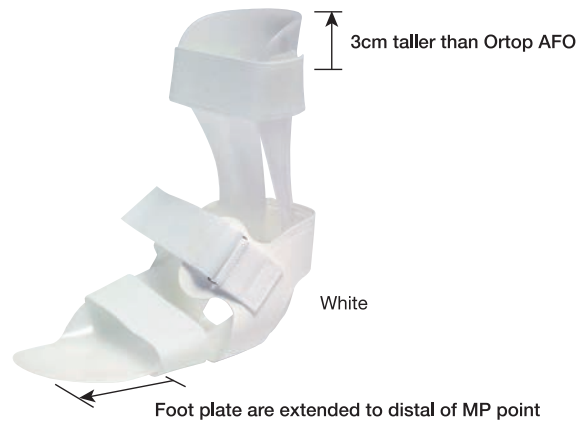
Dramatically improved breaking force performance provides a higher level of support.

- Provides greater braking for plantar flexion than the AFO
- AFO LH is 3 cm taller than the AFO
- The plantar plate ends at the MP distal area of the foot
- Spare rings straps and Velcro are available for purchase

Indication

Equinovarus foot following a stroke

Peroneal nerve palsy



White

| Size | S | | M | | L | | LL | | |
|-----------------------|-----------|----------|-------------|----------|-------------|----------|-----------|----------|----------|
| Foot length | 22~23.5cm | | 23.5~25.5cm | | 25.5~27.5cm | | 27.5~29cm | | |
| Shoe size (Reference) | 34~37 | | 37~40 | | 40~43 | | 43~45 | | |
| Left/Right | L | R | L | R | L | R | L | R | |
| Part No. | White | 69506111 | 69506112 | 69506113 | 69506114 | 69506115 | 69506116 | 69509117 | 69506118 |
| | Black | 69506119 | 69506120 | 69506121 | 69506122 | 69509123 | 69506124 | 69506125 | 69506126 |



White

Ortop® AFO



The Ortop® AFO that has been in use for over 20 years has been completely redesigned

- Now lighter, more comfortable, and easier to use than ever before
- Shortened to the proximal MP joint
- Socks will easily fit over the Ortop AFO
- Allows for a more varied shoe choice due to its reduced size
- Ankle strap has been redesigned to better conform to the natural shape of the foot. Also, provides greater stability by firmly holding the foot.
- Floor to proximal height is 14.5 cm (medium size)

Indication

Equinovarus foot following a stroke

Peroneal nerve palsy

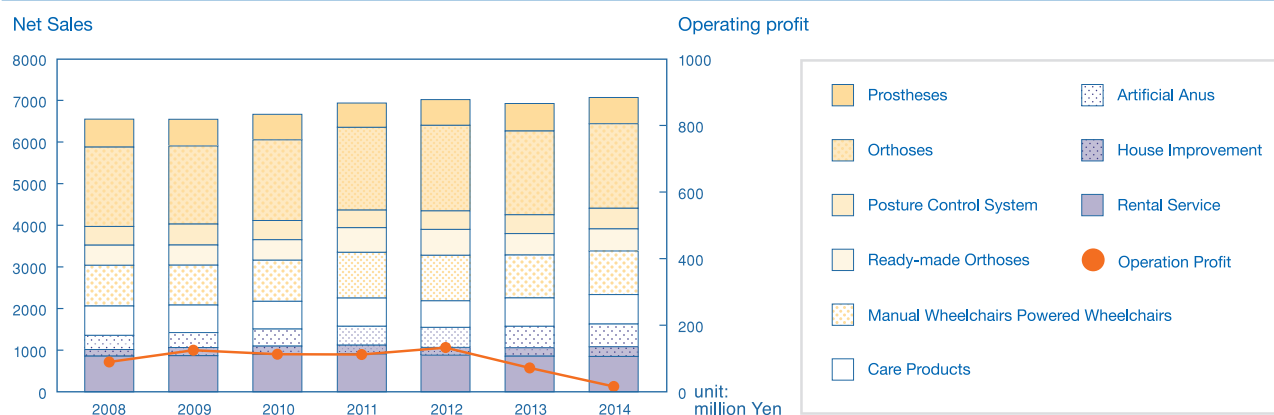
| Size | S | | M | | L | | LL | | |
|-----------------------|-----------|----------|-----------|----------|-----------|----------|-------------|----------|----------|
| Foot length | 20.5~22cm | | 22.5~24cm | | 24.5~26cm | | 26.5~27.5cm | | |
| Shoe size (Reference) | 31~34 | | 35~37 | | 38~41 | | 42~43 | | |
| Left/Right | L | R | L | R | L | R | L | R | |
| Part No. | White | 69506001 | 69506002 | 69506003 | 69506004 | 69506005 | 69506006 | 69506007 | 69506008 |
| | Black | 69506101 | 69506102 | 69506103 | 69506104 | 69506105 | 69506106 | 69506107 | 69506108 |

Company Profile

KAWAMURA : O&P Work Shop

| | | | |
|--------------------------|--|-----------------------|--|
| Company Name | Kawamura Gishi Co.,Ltd. | Capital | 83.5 million Yen(app.618 thousand EUR) |
| President & CEO | Kei Kawamura | Annual Sales Turnover | 7 billion Yen (app.48.8 million EUR) |
| Head Office | 1-12-1 Goryo,Daito-shi,Osaka,574-0064 Japan Tel: +81-72-875-8000 Fax: +81-72-875-8005 | Number of Employees | 593 |
| Foundation | December 1, 1946 | Correspondent Bank | Resona Bank, Limited Minamimori-machi branchThe bank of Tokyo-Mitsubishi, UFJ, Ltd. Tenma branch-Mizuho Bank, Ltd. Umeda branch-Sumitomo Mitsui Banking Corporation Joto branchThe Shoko Chukin Bank, Ltd. Senba branch etc. |
| Establishment of Company | April 22, 1963 | | |

Sales trend

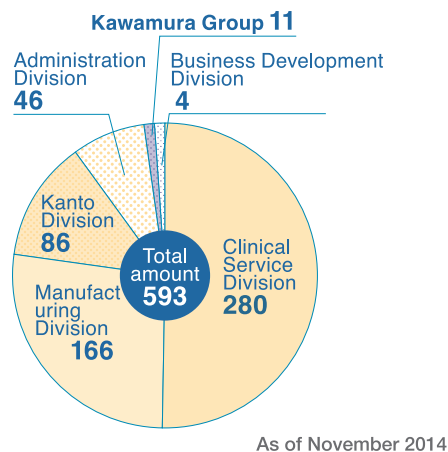


Employees with Qualifications

| | | | | | |
|--|-----|----------------------------------|----|----------------------------------|----|
| Prosthetist and Orthotist | 153 | Certified care worker | 9 | Housing environment coordinator | 59 |
| Certified prosthesis and orthosis worker | 146 | Certified social worker | 4 | Home helper | 27 |
| Welfare Equipment Counselor | 141 | Welfare aids planner | 13 | Certified hearing aid technician | 15 |
| Long-term care support specialist | 22 | Authorized architect and builder | 2 | Physical Therapist | 1 |

As of November 2014

Number of Employees



Membership

Japan Orthotics and Prosthetics Association
 International Society for Prosthetics and Orthotics
 The Association for Technical Aids
 Japan Assistive Products Association
 The Association of Care Goods Providers
 Eldery Service Providers Association
 Japanese Society of Prosthetics and Orthotics
 Japanese Academy of Prosthetists and Orthotists
 Rehabilitation Engineering Society of Japan
 Wheelchair and Positioning Aids Association
 The Japanese Society for Medical Study of Footwear
 Kaifukuki Rehabilitation Ward Association
 Japan Assistive Products Evaluation Center
 Japan Association of Rehabilitation Hospital and Institution
 Osaka foundation for community warefare
 The Osaka Chamber of Commerce and Industry
 The Daito Chamber of Commerce and Industry
 Japan Hearing Instruments Dispensers Association

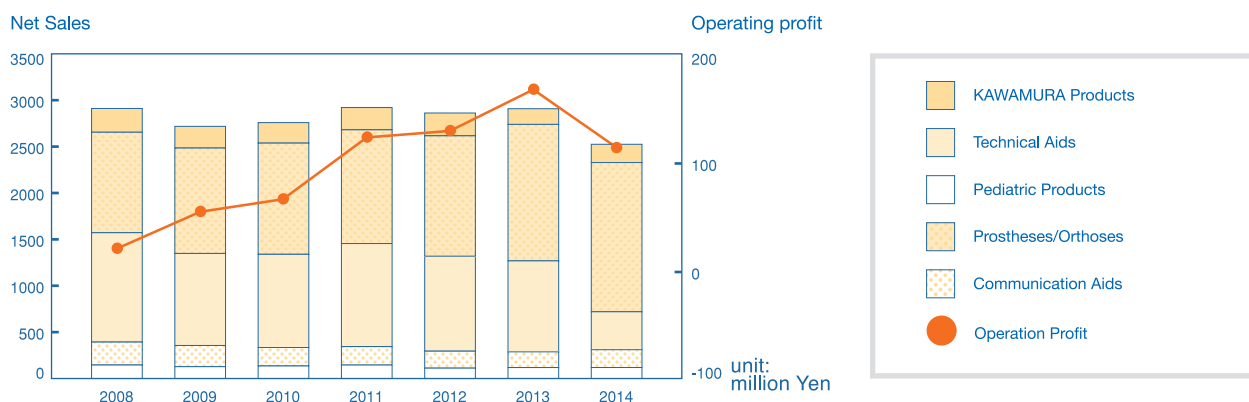
Main client

Government Authorities and Public Agencies / Health Care Facilities (Welfare Facilities) / Hospitals

Pacific Supply : O&P Trading Company

| | | | |
|--------------------------|---|-----------------------|--|
| Company Name | Pacific Supply Co.,Ltd. | Capital | 40 million Yen (app.300 thousand EUR) |
| President & CEO | Kei Kawamura | Annual Sales Turnover | 2.5 billion Yen (app.18.5 million EUR) |
| Head Office | 1-12-1 Goryo,Daito-shi,Osaka,574-0064 Japan Tel:+81-72-875-8008 Fax: +81-72-875-8010 | Number of Employees | 88 |
| Establishment of Company | July 23, 1968 | Correspondent Bank | Resona Bank, Limited Minamimori-machi branchThe bank of Tokyo-Mitsubishi, UFJ, Ltd. Tenma branch-Mizuho Bank, Ltd. Umeda branch-Sumitomo Mitsui Banking Corporation Joto branchThe Shoko Chukin Bank, Ltd. Senba branch etc. |

Sales trend



Membership

Japan Association of Wheel-chair and Seating / Japanese Physical Therapy Association / Japanese Association of Occupational Therapists / The Japanese Academy of Sensory Integration / The Japanese Orthopaedic Association / KANSAI SILVER SERVICE ASSOCIATION

Main suppliers

Domestic Kawamura Gishi Co.,Ltd. / Hitachi KE Systems, Ltd. / NISSIN MEDICAL INDUSTRIES CO., LTD / FUJILATEX CO., LTD / Tokutake Sangyo Co., Ltd. / UCHIDA YOKO CO., LTD. / SAKAI Medical Co., Ltd. / MINATO MEDICAL SCIENCE CO., LTD / Japan Abilities, Inc.

Overseas Ossur (Iceland) / Ablenet Inc. / Orfit Industries / V. Guldmann A/S / Molift AS - an Etac company / Bauerfeind AG

Main clients

Prosthetic and Orthotic manufacturers all over Japan / Welfare equipment suppliers / Medical institutions / Rehabilitation centers / Pediatric facilities Special needs schools / (PO/PT/OT) each training institutes / the others / welfare facility for the elderly / etc.



KAWAMURA GISHI Co.,Ltd

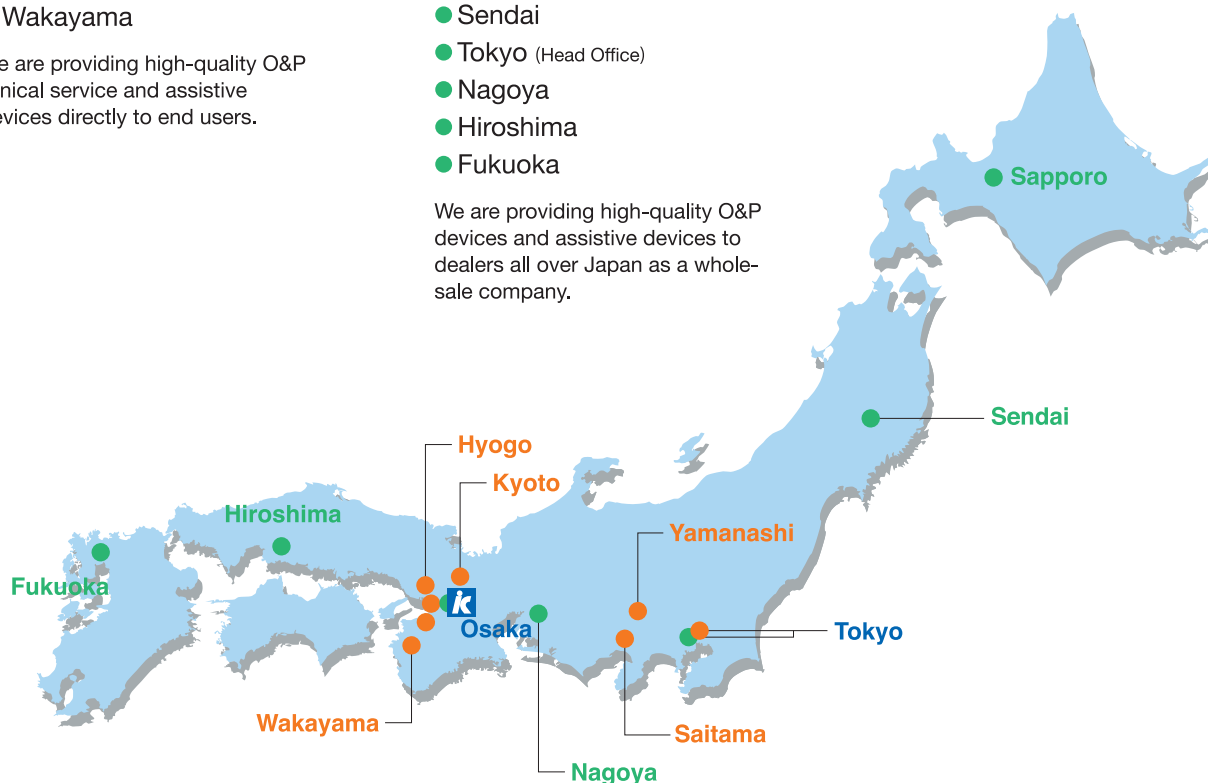
- Osaka (Head Office)
- Tokyo (Head Office)
- Yamanashi
- Saitama
- Kyoto
- Hyogo
- Wakayama

We are providing high-quality O&P clinical service and assistive devices directly to end users.

Pacific Supply Co.,Ltd

- Osaka (Head Office)
- Sapporo
- Sendai
- Tokyo (Head Office)
- Nagoya
- Hiroshima
- Fukuoka

We are providing high-quality O&P devices and assistive devices to dealers all over Japan as a whole-sale company.



KAWAMURA GROUP Head Office
1-12-1, Goryo, Daito-shi,
Osaka, 574-0064 Japan

**We'd like to spread
our product internationally.
We're seeking international
business partners!**

Please contact us with your
company information.

KAWAMURA GROUP



Pacific Supply Co.,Ltd

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GAIT SOLUTION Special site https://www.p-supply.co.jp/app/webroot/gs_en/index.html

※ Because of printing conditions, the color of the product may be a little different from the actual color.