

Kongo Movable Rack "Z"  
wins honorable Director-General Award of  
The Science and Technology Agency.  
We are proud of its fame and now  
its installation will be more than  
20,000-location through the world.

“Z”

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## KONGO MOVABLE RACK “Z”



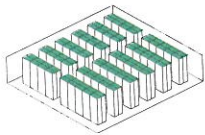
**KONGO**

# FLEXIBLE SOLUTIONS WILL CREATE THE SPACE

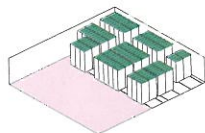
Kongo, the leading manufacturer of movable storage racking system has a better solution. High-density storage reclaims lost space.

Let's apply the Kongo movable storage racking system to the same 150 sq meter area and the result is three flexible solutions that eliminate many storage problems.

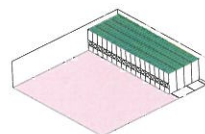
## FLOOR SPACE SAVINGS



- conventional type  
saved floor space : 0



- movable manual type "S"  
saved floor space : 1/2



- movable mechanical type "Z"  
saved floor space : 2/3

movable mechanical type "Z"  
connectable bays and rack units  
by mail & female

| A  | B  | C  |
|----|----|----|
| 1  | 16 | 17 |
| 2  | 16 | 17 |
| 3  | 13 | 16 |
| 4  | 10 | 16 |
| 5  | 9  | 16 |
| 6  | 8  | 15 |
| 7  | 7  | 13 |
| 8  | 6  | 12 |
| 9  | 5  | 12 |
| 10 | 5  | 10 |
| 11 | 5  | 9  |
| 12 | 4  | 8  |
| 13 | 4  | 7  |
| 14 | 4  | 7  |
| 15 | 3  | 6  |
| 16 | 3  | 6  |
| 17 | 3  | 6  |
| 18 | 3  | 5  |
| 19 | 2  | 5  |
| 20 | 2  | 5  |

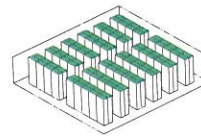
A : Number of Bay of Racks  
B : Number of unit which female can move racks simultaneously.  
C : Number of unit which male can move racks simultaneously.

Kongo Company, the pioneer in movable storage racking system, now demonstrates the latest in space and energy economizing technology with a variety of superb products to meet all of your filing and storage needs.

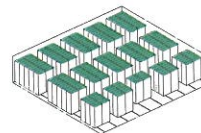
An average clerk can easily move 10-row x 4-bay (12F.) long fully loaded carriages, 16-row x 2-bay (6F.) long ranges.

**1 or 2-BAY UNITS:**  
16 rows can be moved simultaneously

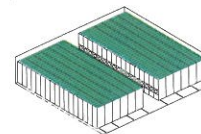
## STORAGE CAPACITY SPACE-150M<sup>2</sup>



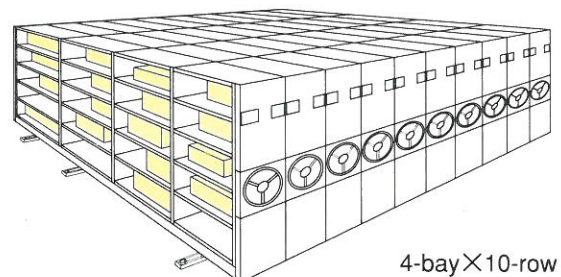
- conventional type  
available 25,920 books



- movable manual type "S"  
available 52,560 books

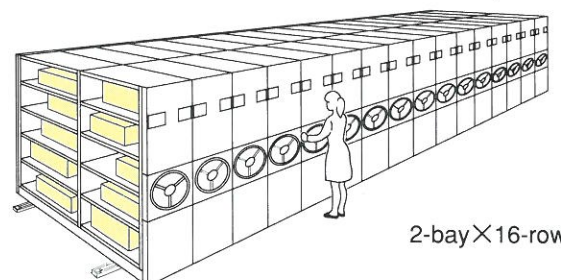


- movable mechanical type "Z"  
available 73,440 books



4-bay X 10-row

**4-BAY UNITS:**  
10 rows can be moved simultaneously



2-bay X 16-row

## BENEFITS OF KONGO MOVABLE RACK "Z"

- Save Energy (No energy consumption)
- Installation Fee is cheap (No motors & No electrical Circuit)
- No Maintenance (No on-going service or maintenance costs)
- No Running Cost (Driving mechanism enable you to move the racks with fingertip)
- Speedy Rack Moving (To make aisle-90cm, it takes only 18 seconds)



# CHOOSE SYSTEM TO FIT YOUR

## FOR STORING BOOKS "KZ-B"

Ideal for all libraries and office where large numbers of books are stored.



## FOR STORING FILES "KZ-L" "KZ-LG"

Most suitable for storing papers and documents. 310mm and 381mm deep-exactly the right size for A-4 files.

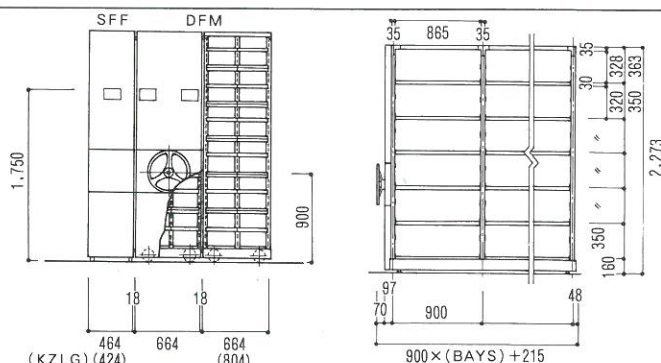
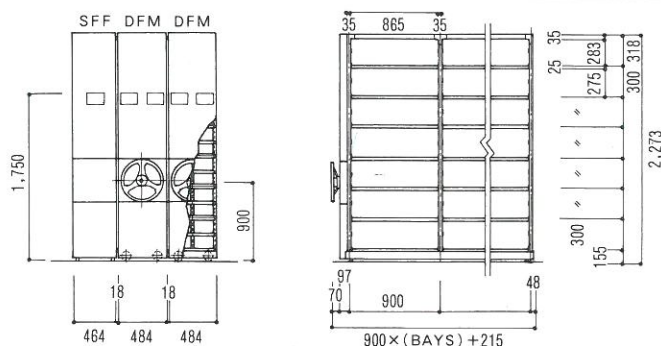
| MODEL:      |           | OUTSIDE DIMENSION (mm) |     |      |
|-------------|-----------|------------------------|-----|------|
|             |           | W                      | D   | H    |
| KZL-371-347 | DFM-1Bay  | 1115                   | 664 | 2273 |
| KZL-372-347 | DFM-2Bays | 2015                   | 664 | 2273 |
| KZL-373-347 | DFM-3Bays | 2915                   | 664 | 2273 |
| KZL-374-347 | DFM-4Bays | 3815                   | 664 | 2273 |
| KZL-375-347 | DFM-5Bays | 4715                   | 664 | 2273 |
| KZU-371-457 | SFM-1Bay  | 1115                   | 464 | 2273 |
| KZU-372-457 | SFM-2Bays | 2015                   | 464 | 2273 |
| KZU-373-457 | SFM-3Bays | 2915                   | 464 | 2273 |
| KZU-374-457 | SFM-4Bays | 3815                   | 464 | 2273 |
| KZU-375-457 | SFM-5Bays | 4715                   | 464 | 2273 |
| KZU-371-457 | SFF-1Bay  | 1045                   | 464 | 2273 |
| KZU-372-457 | SFF-2Bays | 1945                   | 464 | 2273 |
| KZU-373-457 | SFF-3Bays | 2845                   | 464 | 2273 |
| KZU-374-457 | SFF-4Bays | 3745                   | 464 | 2273 |
| KZU-375-457 | SFF-5Bays | 4645                   | 464 | 2273 |

| MODEL:      |           | OUTSIDE DIMENSION (mm) |     |      |
|-------------|-----------|------------------------|-----|------|
|             |           | W                      | D   | H    |
| KZB-371-268 | DFM-1Bay  | 1115                   | 484 | 2273 |
| KZB-372-268 | DFM-2Bays | 2015                   | 484 | 2273 |
| KZB-373-268 | DFM-3Bays | 2915                   | 484 | 2273 |
| KZB-374-268 | DFM-4Bays | 3815                   | 484 | 2273 |
| KZB-375-268 | DFM-5Bays | 4715                   | 484 | 2273 |
| KZU-371-458 | SFM-1Bay  | 1115                   | 464 | 2273 |
| KZU-372-458 | SFM-2Bays | 2015                   | 464 | 2273 |
| KZU-373-458 | SFM-3Bays | 2915                   | 464 | 2273 |
| KZU-374-458 | SFM-4Bays | 3815                   | 464 | 2273 |
| KZU-375-458 | SFM-5Bays | 4715                   | 464 | 2273 |
| KZU-371-458 | SFF-1Bay  | 1045                   | 464 | 2273 |
| KZU-372-458 | SFF-2Bays | 1945                   | 464 | 2273 |
| KZU-373-458 | SFF-3Bays | 2845                   | 464 | 2273 |
| KZU-374-458 | SFF-4Bays | 3745                   | 464 | 2273 |
| KZU-375-458 | SFF-5Bays | 4645                   | 464 | 2273 |

•Usable Depth of SHELF : 220mm(D260)·420mm(D450)

| MODEL:       |           | OUTSIDE DIMENSION (mm) |     |      |
|--------------|-----------|------------------------|-----|------|
|              |           | W                      | D   | H    |
| KZLG-371-417 | DFM-1Bay  | 1115                   | 804 | 2273 |
| KZLG-372-417 | DFM-2Bays | 2015                   | 804 | 2273 |
| KZLG-373-417 | DFM-3Bays | 2915                   | 804 | 2273 |
| KZLG-374-417 | DFM-4Bays | 3815                   | 804 | 2273 |
| KZLG-375-417 | DFM-5Bays | 4715                   | 804 | 2273 |
| KZU-371-457  | SFM-1Bay  | 1115                   | 464 | 2273 |
| KZU-372-457  | SFM-2Bays | 2015                   | 464 | 2273 |
| KZU-373-457  | SFM-3Bays | 2915                   | 464 | 2273 |
| KZU-374-457  | SFM-4Bays | 3815                   | 464 | 2273 |
| KZU-375-457  | SFM-5Bays | 4715                   | 464 | 2273 |
| KZLG-371-417 | SFF-1Bay  | 1045                   | 424 | 2273 |
| KZLG-372-417 | SFF-2Bays | 1945                   | 424 | 2273 |
| KZLG-373-417 | SFF-3Bays | 2845                   | 424 | 2845 |
| KZLG-374-417 | SFF-4Bays | 3745                   | 424 | 2273 |
| KZLG-375-417 | SFF-5Bays | 4645                   | 424 | 2273 |

•Usable Depth of SHELF : 381mm(D410)·420mm(D450)



DFM : Double Face Movable Rack    SFM : Single Face Movable Rack    SFF : Single Face Fix Rack ( ) : DIMENSION FOR KZLG



SPECIFIC REQUIREMENTS

FOR STORING MAGNETIC TAPES " KZ-R "

Just right for this computer age. Can accommodate over three times the number of tapes that are normally stored in a cabinet this size.



| MODEL:      |           | OUTSIDE DIMENSION (mm) |     |      |
|-------------|-----------|------------------------|-----|------|
|             |           | W                      | D   | H    |
| KZR-371-347 | DFM-1Bay  | 1115                   | 664 | 2273 |
| KZR-372-347 | DFM-2Bays | 2015                   | 664 | 2273 |
| KZR-373-347 | DFM-3Bays | 2915                   | 664 | 2273 |
| KZR-374-347 | DFM-4Bays | 3815                   | 664 | 2273 |
| KZR-375-347 | DFM-5Bays | 4715                   | 664 | 2273 |
| KZR-371-457 | SFM-1Bay  | 1115                   | 464 | 2273 |
| KZR-372-457 | SFM-2Bays | 2015                   | 464 | 2273 |
| KZR-373-457 | SFM-3Bays | 2915                   | 464 | 2273 |
| KZR-374-457 | SFM-4Bays | 3815                   | 464 | 2273 |
| KZR-375-457 | SFM-5Bays | 4715                   | 464 | 2273 |
| KZR-371-457 | SFF-1Bay  | 1045                   | 464 | 2273 |
| KZR-372-457 | SFF-2Bays | 1945                   | 464 | 2273 |
| KZR-373-457 | SFF-3Bays | 2845                   | 464 | 2273 |
| KZR-374-457 | SFF-4Bays | 3745                   | 464 | 2273 |
| KZR-375-457 | SFF-5Bays | 4645                   | 464 | 2273 |

●Usable Depth of SHELF : 310mm(D340)・420mm(D450)

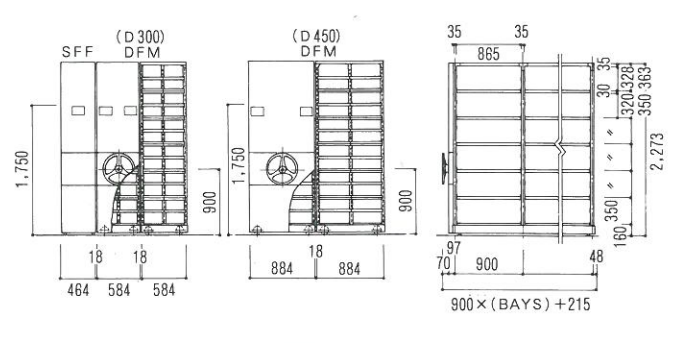
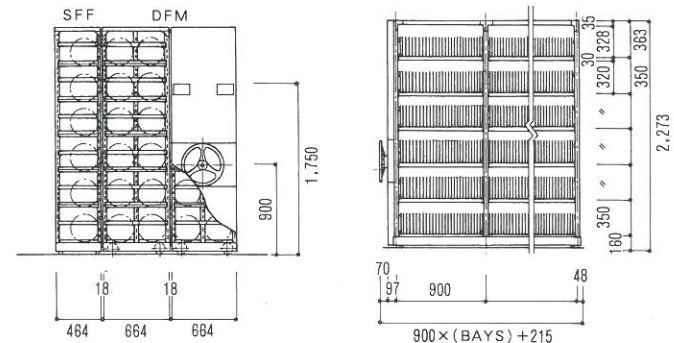
FOR LIGHTWEIGHT STORAGE " KZ-U "

Most standard type for storing. Office utensils & goods can be stored almighty.



| MODEL:      |           | OUTSIDE DIMENSION (mm) |     |      |
|-------------|-----------|------------------------|-----|------|
|             |           | W                      | D   | H    |
| KZU-372-307 | DFM-2Bays | 2015                   | 584 | 2273 |
| KZU-373-307 | DFM-3Bays | 2915                   | 584 | 2273 |
| KZU-374-307 | DFM-4Bays | 3815                   | 584 | 2273 |
| KZU-375-307 | DFM-5Bays | 4715                   | 584 | 2273 |
| KZU-372-457 | DFM-2Bays | 2015                   | 884 | 2273 |
| KZU-373-457 | DFM-3Bays | 2915                   | 884 | 2273 |
| KZU-374-457 | DFM-4Bays | 3815                   | 884 | 2273 |
| KZU-375-457 | DFM-5Bays | 4715                   | 884 | 2273 |
| KZU-372-457 | SFM-2Bays | 2015                   | 464 | 2273 |
| KZU-373-457 | SFM-3Bays | 2915                   | 464 | 2273 |
| KZU-374-457 | SFM-4Bays | 3815                   | 464 | 2273 |
| KZU-375-457 | SFM-5Bays | 4715                   | 464 | 2273 |
| KZU-372-457 | SFF-2Bays | 1945                   | 464 | 2273 |
| KZU-373-457 | SFF-3Bays | 2845                   | 464 | 2273 |
| KZU-374-457 | SFF-4Bays | 3745                   | 464 | 2273 |

●Usable Depth of SHELF : 270mm(D300)・420mm(D450)



※ Depth shows outside-measurement of panel.



# SECURITY DEVICE WILL PROTECT A OPERATOR

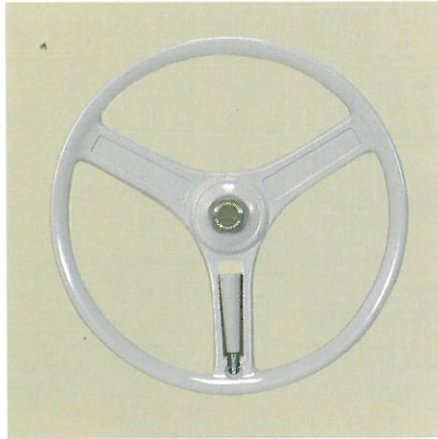
## SAFETY-LOCK DEVICE

TO Protect personnel in filing or storage area, mannual lock-device will work by pulling knob at center of steering wheel handle.

You can use it in your convenience.



**FOR LOCK:**  
PLEASE PULL THE KNOB



**FOR UNLOCK:**  
PLEASE PUSH THE KNOB



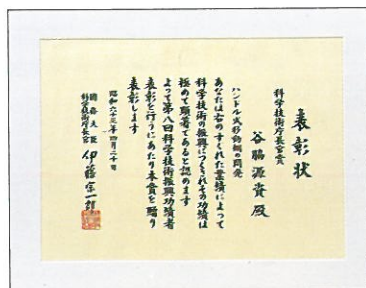
Under pulling knob, RED color shows you that the system will stop.  
(As optional mechanism, it is available to set CENTRAL LOCK-MECHANISM in the system to keep files in storage area.)

## CIRCLE STEERING WHEEL HANDLE

- \*very popular circle handle
- \*powerful driving force by hand power
- \*safety lock-device with holding-knob
- \*circle designed handle is protected by right of utility model

## WINS HONORABLE AWARD

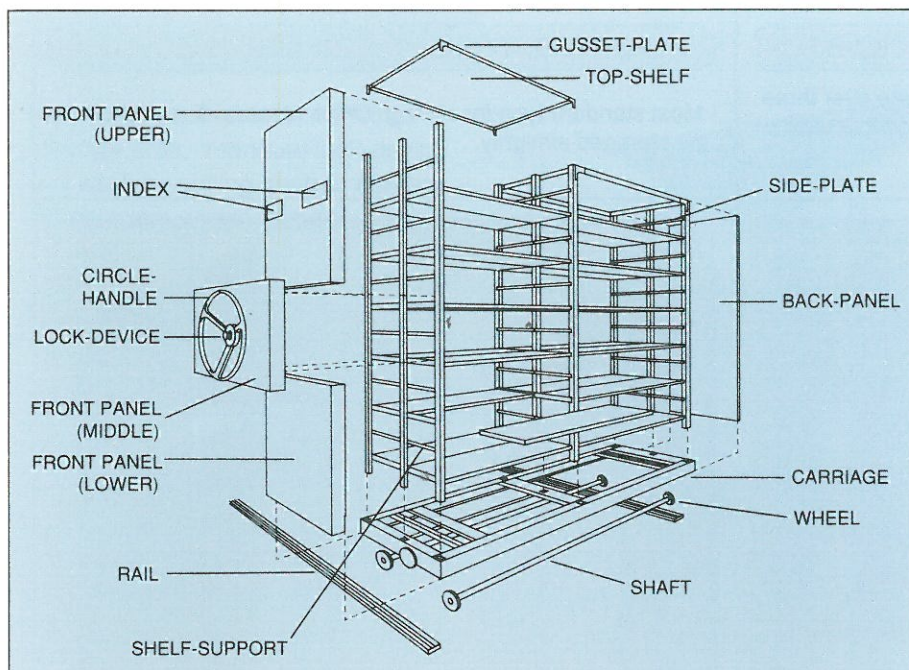
Kongo has an outstanding 40 years record of satisfying in this business field and our client list reflects our success.  
Kongo supplies reliable, cost-effective movable storage racking system for efficient use of valuable space and improved inventory management.  
We also provide the sophisticated system with suitable cost to the world's clients.



The pioneer for Movable Storage Racking System and other manufacturing operation, Mr.G.Taniwaki president of Kongo has won the 8th Director-General Award of The Science and Technology Agency.



# FABRIC & ASSEMBLY



| SHAFTS  | RACK  |
|---|---|
| The 25 dia. drive shafts ensure frame stability through prevention of slanting or twisting. | Equipped with a special earthquake resistant gusset plate for complete assurance against movement in any direction. Also offers excellent accommodation in contrast to the press-construction type. |
| WHEELS  | PILLOW BLOCK (BEARING)  |
| Top-quality (industrial-use carbon steel) prevents friction.                                | Dynamic load rating : 1,100kg<br>Static load rating : 730kg   |
| CARRIAGE  | EARTHQUAKE-RESISTANT BAR (OPTION)   |
| Welded construction ensures long-lasting protection against looseness and shaking.          | Provides both electric and manual capabilities-extremely effective for safety in case of an earthquake.   |
| RAILING   |   |
| Units use top-quality stainless steel also available as an option.                          |   |

- For your information : it is possible that the price or specification of a product will change for purposes of improvement without prior notice.
- Dimensions are all in mm.
- Color photographs of products may not portray the true colors due to differences in printing ink, etc.

FOR FURTHER INFORMATION CONTACT . . .

## TYPICAL APPLICATIONS

The "Z" storage system are ideal for storage of accounting records, computer tapes, both legal and standard files, office supplies, bank safety deposit boxes, bank records and securities, brokerage firm records, etc.

- |  |  |
|--|--|
| <b>FINANCIAL</b>                               | — Loan Records.<br>Trust Files and Securities.<br>Computer Tapes<br>Supplies. Safety Deposit Boxes.<br>Correspondence files. |
| <b>ATTORNEYS/<br/>ACCOUNTANTS</b>              | — Client Files.<br>Reference Books<br>Supplies   |
| <b>GOVERNMENT/<br/>LIBRARIES/<br/>ARCHIVES</b> | — Books. Binders.<br>Tax Records.<br>Court Records.<br>Personnel Files.<br>Computer Tapes<br>Supplies.                       |
| <b>HOSPITALS</b>                               | — X-Ray Jackets.<br>Medical records.<br>Pharmacy.<br>Linen storage.  |
| <b>MANUFACTURING/<br/>UTILITY</b>              | — Customer Records.<br>Payable and Receivable files<br>Computer tapes.<br>Correspondence.<br>Reference Books.                |
| <b>WAREHOUSES/<br/>COLD STORAGE</b>            | — Parts. industrial Goods. Meat.<br>Deep Freezer items.  |
| <b>INSURANCE</b>                               | — Clime Files.<br>Policy Files.<br>Computer Tapes.   |
- And many other applications.

# KONGO



Underwriters' Laboratory  
Licensed Factory



Japanese Industrial Standard  
Licensed Factory

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