



Container Logistics Insights

October 2021



xChange Container Logistics Insights

Global Container Logistics Industry

The global container logistic industry underwent massive disruption over the past 18 months. Pandemic induced shutdowns slowed consumer demand initially but skyrocketed as the time progressed. COVID-19 ripped apart the supply chain and since it is a free market, as the demand and supply changed 360 degree, the consequential prices also reacted and there started the vicious circle of further demand rise, container shortage, price rise, vessel capacity issues and 101 other supply chain challenges that we read about every day.

Through this report, we aim to provide a bird's eye view of how demand and supply is reacting month on month and how is the container availability looking like.

Container Logistics Insights

In a bid to constantly supply actionable insights and relevant data and analysis on the shipping and container logistics industry, Container xChange launched Container Logistics Insights in September 2021 for publishers, editors, and industry observers to deep dive into the trends seen at the global and the regional level in the industry. Please write to Ritika Kapoor for any further query and/or any kind of feedback on this report. We will be happy to incorporate improvisations in the coming months.



Sources of Data

Platform Data

Container xChange is the largest marketplace for container leasing and trading globally. This gives us real-time data and actionable insights from our platform on container prices and container availability. We clock about 10,000+ monthly transactions and track 15 million containers worldwide. We undertake primary as well as secondary research to arrive at trends and analysis. We analyse our platform for container buying demand and sales offers as well as container leasing pickup charges and free days to understand the market dynamics.

Container Availability Index (CAx)

Container Availability Index monitors and forecasts global container equipment supply by tracking millions of monthly container moves. For more information and weekly email updates, check out:

<https://container-xchange.com/features/cax/>

An index reading of below 0.5 means more containers leave a port compared to the number which enter. Above 0.5 means more containers are entering the port.

The CAx includes:

Gate-in and gate-out moves of containers (or import and exports of containers)

An estimation of manufactured containers in China
20ft and 40ft containers

The CAx does not include:

Empty repositioning of containers by carriers

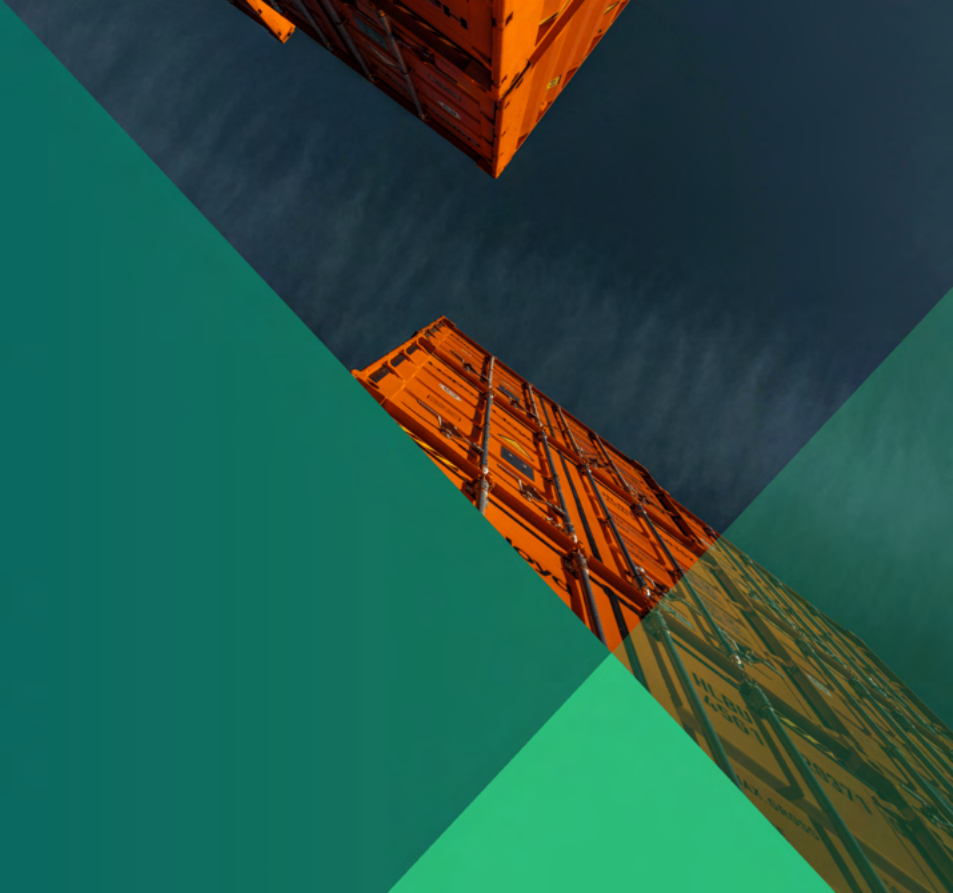
Containers sold locally in certain locations

Exact number of manufactured containers



 **Change**

Global Trends



Container Availability Variations (September – October)

The highest CAx values, exceeding 0.90 which implies that the outbound containers are lesser than the inbound containers in a particular port at a particular week -

The lowest CAx values in September are the following from across the ports globally, because These ports have been exporting a large number of containers for a prolonged period:

September

Huangpu, China

Dallas, TX, United states

Chicago, United states

Chittagong, Bangladesh

Dammam, Saudi Arabia

Memphis, TN, United states

Sines, Portugal

Bangkok, Thailand

Felixtowe, UK

Savannah, GA, USA

October

Huangpu, China

Memphis, TN, United states

Dallas, TX, United states

Chicago, United States

Chittagong, Bangladesh

Savannah, GA, USA

Dammam, Saudi Arabia

Manila

Southampton

Sines

September

Ningbo, China

Shekou, China

Yantian, China

Tanjung Pelepas, Malaysia

Algeciras, Spain

October

JINZHOU, China

Shekou, China

Ningbo, China

Yantian, China

YINGKOU, China



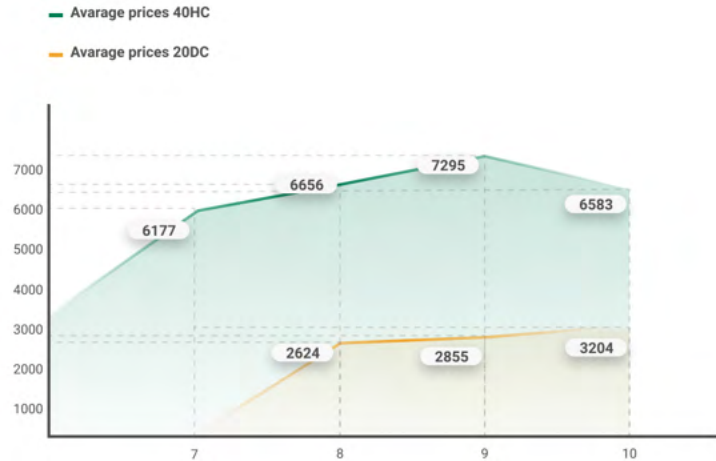
Regions that stand out

China after the Golden Week

Soon after the Golden Week in China, average container prices tumbled for the first time this year. We looked at the numbers again by the end of October and figured that it seems, prices have stabilized in China across container types after the drop in week 39, at least for the time being.

Golden Week prices for 40HC in China went down by 17%, where the price level has seemingly stabilized. Prior to October, you had to pay more than \$8000, on average, for a 40HC. Now, you can get your hands on the high cube for around \$6500.

However, not all container types went down in price after Golden Week. The 20DC saw a dip in price at the beginning of the month but has since increased 8% at major Chinese ports. Though, in Shanghai, the 20DC price has remained stagnant since Golden Week.



Trading insights

MOST EXPENSIVE 20 DRY-CONTAINERS TRADING

Warsaw	\$3,207
Hamburg	\$3,203
Istanbul	\$3,000
Ningbo	\$2,896
Shanghai	\$2,882

CHEAPEST 20 DRY-CONTAINERS TRADING

Arquata Scrivia	\$2,283
Karachi	\$2,175
Houston, TX	\$2,163
Duisburg	\$2,047
Doha	\$1,750

MOST EXPENSIVE 40 HC CONTAINERS TRADING

Ningbo	\$6,391
Tianjin	\$6,250
Shanghai	\$6,225
Qingdao	\$6,168
Singapore	\$5,813

CHEAPEST 40 HC CONTAINERS TRADING

Barcelona	\$3,973
Budapest	\$3,892
Warsaw	\$3,718
Gdansk	\$3,700
Chicago, IL	\$3,662

Leasing Insights

20 DC HIGHEST PICK-UP CHARGE ONE-WAY LEASING

China to Lithuania	\$1,400
South Korea to Russia	\$1,350
China to Belgium	\$1,317
China to Russia	\$1,212
China to Czech Republic	\$975

20 DC LOWEST PICK-UP CHARGE ONE-WAY LEASING

Italy to Spain	\$4
Vietnam to China	\$4
China to Pakistan	\$3
Netherlands to Portugal	\$3
UAE to India	\$2

40 DC HIGHEST PICK-UP CHARGE ONE-WAY LEASING

China to Norway	\$4,100
South Korea to Russia	\$4,000
China to United Kingdom	\$3,333
China to Lithuania	\$3,329
Vietnam to USA	\$3,300

40 DC LOWEST PICK-UP CHARGE ONE-WAY LEASING

Singapore to India	\$6
Vietnam to South Korea	\$6
UAE to India	\$3
Germany to Turkey	\$2
Italy to Belgium	\$0





Regional Trends



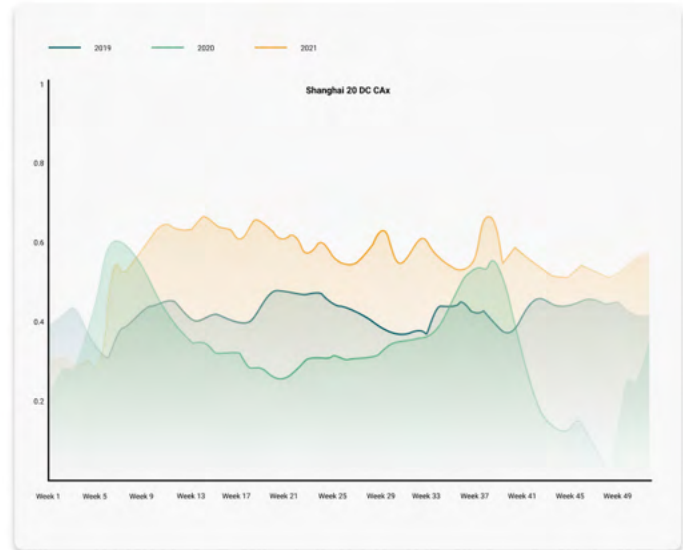
China Container Availability Index (CAx)

The port of Shanghai has shown higher CAx values for 20 feet dry container consistently (double to what it was in 2019, pre-pandemic, 0.56 in 2021, 0.48 in 2020, 0.33 in 2019).

For 40 feet dry container, the CAx values at this week (week 43) was 0.12 in 2020, while it is 0.47 in 2021. Clearly, the current number of inbound containers in Shanghai are 4X of what it was in the last year.

Similarly, port of Qingdao has 2X inbound containers as compared to the last year (0.25 in 2020, 0.56 in 2021)

Port of Ningbo, 0.38 in 2021, 0.22 in 2020. Ningbo witnessed a trend of falling CAx values during these months last year, while this year the general trend is towards rising CAx values, indicating that there is either more cargo waiting at the docks, or the general exports to import ratio is lower as compared to past two years.



China – Trading Insights

Average sales prices for 40 High cube containers are either stable or fallen in the month of October. Container prices for a 40 ft high cube container dropped in the ports (mentioned below) in China from September to October.

Month	Ningbo	Qingdao	Shanghai	Tianjin	Yantian
8	6696	6725	6641	6705	
9	6795	7121	7862	6615	7404
10	6603	6473	6577	6458	7000

Container prices for a 20 ft dry container heightened in the ports (mentioned below) in China from September to October. The prices have broadly remained stable from the last weeks.

Month	Ningbo	Qingdao	Shanghai	Tianjin	Yantian
8	2860	2785	2629	2513	2357
9	2575	2900	3095	2678	2506
10	3937	3073	3184	2936	2617

In week 43 (October 22-25, 2021) –

Average price, for 20 feet dry container is \$3235.5, lowest value – \$2200 and max value – \$4350

Average price for 40 high cube containers – \$6562.04, minimum \$4400 and max \$7400

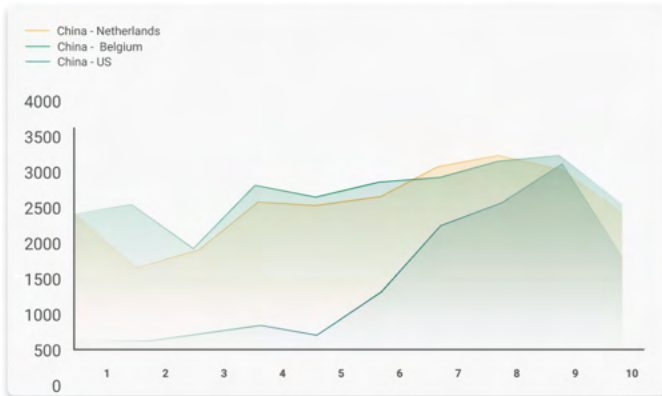


China – Trading and Leasing Insights

The average one-way pickup rates Ex china to US, Belgium and Netherlands have declined after September.

Average one-way pickup charges for the China -US stretch have reduced 25% from August to September.

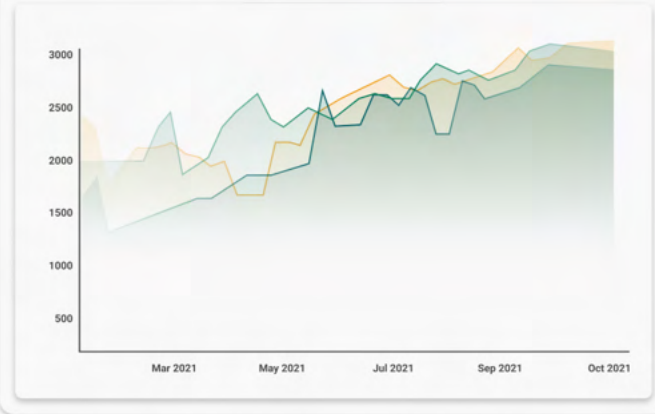
This indicates that the holiday season cargo has already left from China and hence the pickup charges are declining.



Location analysis

Compare the price development in Change for up to three locations.

Location 1: SHANGHAI
 Location 2: NINGBO
 Location 3: QINGDAO
 Container type: 20 DC
 Unit condition: Cargo worthy



Vietnam Trends

The average prices of both 40 High cube and 20 dry containers have gone up in the month of October.

The average pickup charges at the Ho Chi Minh City port in Vietnam has gone off the roof, reaching a staggering high of \$1400 in October.

The COVID cases are increasing in Vietnam. 5519 cases were reported on 31st October, 2020. There could be a correlation to the rising cases and the hike in container prices and pickup charges as there will be panic to get the cargo out of the country while on the other hand there will be severe capacity and infrastructure bottlenecks in the coming weeks.

Average prices for 40 high cube containers

Month	Haiphong	Ho Chi Minh City
8	6696	6725
9	6795	7121
10	6603	6473

Average prices for 20 feet dry containers

Month	Haiphong	Ho Chi Minh City
8	6696	6725
9	6795	7121
10	6603	6473



India

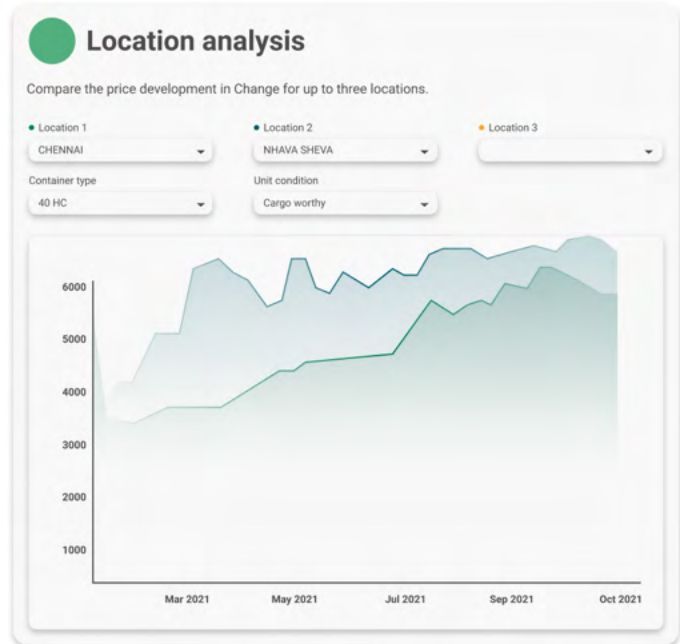
In Chennai, the average price for a 40 feet high cube container has dropped from \$5700 in September to \$5400 on 25th October. \$2538 for 20 Dry container and \$4500 for a 40 dry container. **The pre-pandemic price was approximately \$1,000 for 20DC and \$2,000 for 40DC, respectively.**

While in Nhava Sheva, the prices for the same specification box is relative stable over these two months. The average price for a 40 high cube being \$4880 and \$2362 for a 20 dry container as on 25 October 2021.

Although there are fluctuations from one month to another, the general trend observed from the beginning of the year till date in the ports of Chennai and Nhava Sheva is a gradual increase in the overall trading prices of containers in India.

In India, Chennai has the highest container prices at \$4700 and ranks 7th globally for the most expensive 40 HCs and No.3 for 40DCs

Over the past three months, the average container price of a 20 feet dry container has remained stable at \$2332 in October. (\$2440 in September and \$2333 in August). The average price for a 40 HC is at \$4952 in October, down from \$4961 in September and higher than \$4708 in August.



India – Trading and Leasing Insights

Average sales prices for 40 High cube containers are either stable or fallen in the month of October. Container prices for a 40 ft high cube container dropped in the ports (mentioned below) in China from September to October.

Average prices for 20DC containers in India

Average of price(2021)	Chennai	Kolkata(Calcutta)	Mundra	Nhava Sheva
July	2164	2200	2333	2142
August	2164	2200	2333	2199
September	2241	2200	2440	2220
October	2350	2350	2297	2297

Average prices for 40HC containers in India

Average of price(2021)	Chennai	Mumbai	Mundra	Nhava Sheva
August	5008	4761	4708	4689
September	5184	4950	4962	4858
October	5367	4708	4952	4888

Leasing insights

Stretches	Avg Pickup Charges
India - china	325
India Malaysia	175
India - South Korea	325
India - Thailand	250



Europe

The average prices for a 40 HC have slashed at the following ports -

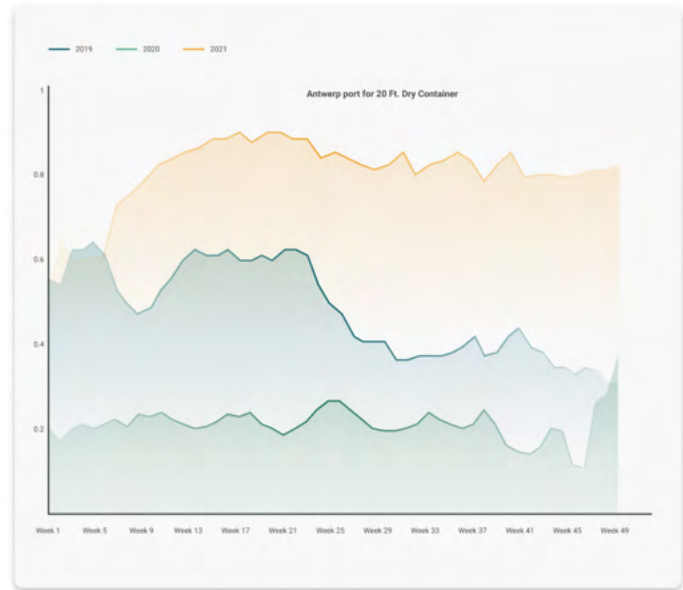
Rotterdam port - from \$4872 in September to \$4602 in October.

Antwerp Port - \$4138 in October from \$4230 in September

Hamburg Port - \$4287 in October from \$4647 in September

While the average prices for 40 HC have plummeted, the prices for 20 DC have shown a month-on-month increase across Rotterdam and Hamburg.

The CAx at Antwerp port has consistently been around 0.74 on an average which indicates more inbound containers in general.



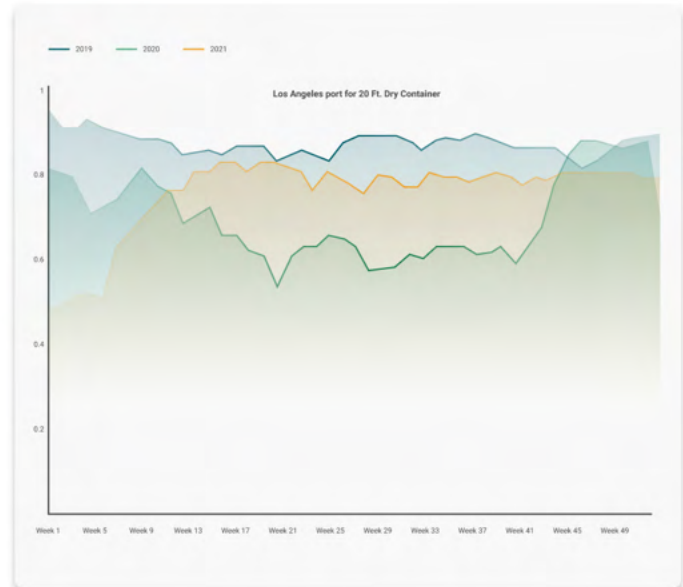
United states

The average prices for a forty high cube container has dropped marginally at the port of Long Beach. A box that costed around \$4720 in September, can now cost around \$4675

On the China-US stretch, the average one-way pickup charges for 20 feet dry containers from Shanghai is \$1492 for the month of October. This was \$1125 in the month of September.

From Qingdao to US, for a 20 feet dry container one would pay \$1250 one-way pickup charges in October. For a 40 HC these rates were somewhere around \$3000

The high CAX values at the ports of Long beach and Los Angeles corroborates well with the seemingly never-ending supply chain bottleneck at the port. The CAX values remain more than 0.85 consistently since Week 31.



Summary

“ The month of October witnessed, for the first time, a dip in container prices soon after the Golden Week. And it seems that especially in China, the container prices have somehow stabilized. This could be possibly because the festive shipments have taken off from China and now the rush has started to ease for this season. However, the bigger part of the worry is the arriving ports where reports suggest that the congestion doesn't seem to ease. We will continue to monitor the situation but our data shows that the overall situation has not shown any sign of red flag in the month gone by. Looking from a more macro-level, the container prices and pickup charges are several times expensive than it was pre-pandemic and the logjam is still unmanageable. The industry is still sorely crippled. ”

Johannes Schlingemeier
Co-founder and CEO
Container xChange



“ Although the existing fall in container prices may seem like a respite to the industry, as close to 46 ports have witnessed decline in average container prices this month, the industry is yet to recover from the stratospheric disruptions caused to the supply chain over these past 18 months. Based on our platform data and our interaction with our customers, we foresee a true revival of the supply chain only by the end of next year. As for the peak season, the demand continues to be strong with deficit of supply. End consumers could be prepared to witness limited products on the shelf. ”

Christian Roeloffs
Co-founder and CEO
Container xChange





About Container xChange

Container xChange is one of the top ten logistics tech companies globally and the world's fastest growing neutral marketplace for container leasing and trading. More than 800 companies such as Kuehne+Nagel, Seaco or Sarjak use our neutral online platform to gain market transparency, avoid demurrage & detention charges and increase their flexibility. Covering the entire transaction process from finding new partners to tracking containers and managing payments, Container xChange makes using 3rd party equipment and now container trading as easy as booking a hotel. Founded by Dr. Johannes Schlingemeier and Christian Roeloffs in 2017 and headquartered in Hamburg, Germany, the company now has more than 150 employees. Container xChange recently acquired TankContainerFinder.com, the leading marketplace for tank container leasing and trading, further cementing the company's position as a leading neutral provider for shipping equipment.

<http://container-xchange.com/>

The screenshot displays the Container xChange web application interface. At the top, there is a navigation bar with tabs for Dashboard, Leasing, Trading, Tracking, and Wallet, along with a user profile for 'Hi Manuel'. The main content area is divided into two columns. The left column is titled 'Search' and contains several filter sections: 'Use Containers' (with 'Supply Containers' selected), 'Pick-up locations' (with a dropdown menu showing 'Select locations' and a list of countries including China, South Korea, United Arab Emirates, and Netherlands, plus '+ 2500 locations'), 'Drop-off locations' (with a dropdown menu for 'Select locations'), 'Equipment type' (with buttons for 30DC, 40DC, and 40HC), 'Special equipment types' (with a dropdown menu), 'Size' (with radio buttons for 20, 40, and 45, where 40 is selected), and 'Type' (with a dropdown menu showing '45 High cube (HC)'). A 'Clear Input' button and a 'Search' button are at the bottom of the search filters. The right column is titled 'Newsfeed' and shows a list of container listings. The first listing is for 'K+N Germany' with details: 'can use 10 x 40HC from THAILAND to PORT LOUIS', 'Conditions: Cargo worthy, Free days: 30, Per Day: 2.50', and buttons for 'Apply Filters' and 'View Details'. Below this is a section 'From 600+ certified partners' listing 'OCEANBOX Containers Ltd' (5 stars, 'as Supplier', 'Container Trader', 'View Details') and 'Rhodes Intermodal Systems NV' (5 stars, 'as Supplier', 'View Details'). Each listing includes a table with columns for 'EQUIPMENT', 'PICK UP', and 'DROP OFF' locations. For example, the Oceanbox listing shows '10 x 40HC' equipment, 'HAMBURG' pick up, and 'SHANGHAI' and 'QINGDAO' drop off locations. The Rhodes listing shows '20 x 40HC' equipment, 'DURBAN' pick up, and 'PORT KELANG' drop off locations. A third listing for 'Atlas Container Transport S.A.' (5 stars, 'as Supplier', 'View Details') shows '20 x 40HC' equipment, 'SINGAPORE' pick up, and 'ROTTERDAM' drop off locations.



Thank you

For queries and press inquiries, please get in touch with:



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