Item Availability

This Item Availability transaction requests the Price and Availability of a single, specific product. Item information is sent to the supplier's system. The supplier validates the data, queries their system and returns the appropriate BRANCH price and quantities available by stocking location. The "Unit Price" sent in the REPLY transaction is considered a quoted price.

Transaction Information

- In an Item Availability SEND transaction, Motion provides the Supplier System:
  - 6-digit Location Numbers
  - Four-part identifiers
    - **a)** UPC Number
    - **b)** Motion Internal Part (SKU) Number
    - **c)** MINO Number
    - **d)** Vendor Part Number (optional)
- When locating a part, the primary identifier is the UPC code – if the supplier does not support UPC Codes, the primary identifier is the Motion Item Number (SKU)
- Consider all part identifiers provided in the SEND transaction before returning an error message (for example, 'PART NOT FOUND')
- In an Item Availability REPLY transaction, the Supplier returns the Motion branch servicing location first, then returns the remaining locations in descending order of priority
- The Supplier provides the unit price (also the Motion purchasing price) for an item in the REPLY transaction – if a purchase order is created from the Item Availability look-up, then that unit price is used on the purchase order

- The Supplier may also provide Quantity Level Price Breaks for an item – if the item has price-breaks, that value displays in the Quantity-Desired field on the Item Availability SEND transaction, so the Supplier can determine the correct Unit Price to send back
  For example:

Quantity Break Level	Unit Price
1 to 25 items	5.00
26 to 50 Items	4.75
51 or more	4.25

- If an OEM Code or Quote Number is specified on the Item Availability SEND transaction, then the Supplier REPLIES with the unit price based on the specified code

- In an Item Availability SEND transaction, a zero quantity in the Quantity Desired field is valid —the Supplier system assumes a quantity of 1 if that field displays 0
- The Supplier tracks errors occurring on Item Availability transactions and periodically sends corrections to the Motion Systems Costing and Coding Department

Price & Item Availability (ITEM_SEND)								
Motion Internal Use Only			**Supplier Information**					
Field Name	**Start**	**End**	**Description**	**XML TAG NAME**	**Field Length**	**REQ**	**Max Occurs**	**Comments**
TRTYPE	1	1	transaction type	<ITEM_SEND>	1	Y	1	Transaction identifying tag
Transaction ID			System generated number	<TRAN_ID>	26	Y	1	Must be sent in the reply and must match the send
MI_LOCATION	2	5	Location (MI Branch) Ex: 'AL01'	<MILOC>	4	Y	1	
UPC_CODE	6	45	UPC Code	<UPC_NO>	40	N	1	Will be sent if available
ITEM_NUMBER	46	85	Motion Internal Item (SKU) Number	<ITEM_NO>	40	Y	1	This is Motion's 8-digit item number.
VP_NUMBER	86	125	Vendor (Manufacturer) Part Number	<VENDOR_PART>	40	N	1	<VENDOR_PART> may not contain the true Vendor Part Number-it may contain the UPC Number for the item or it may be blank. This field is controlled by the Motion Costing/Coding Department which determines what this field contains.
MINO	126	165	MINO Number	<MINO>	40	Y	1	
QTY_DESIRED	166	174	Quantity Desired	<QTY_DESIRED>	9	N	1	Value must be greater than or equal to Zero.
Unit of Measure	175	176	Stocking Unit of Measure	<STOCK_UOM>	2	N	1	
Filler	177	196	Future Use	N/A	20	N		SUPPLIERS DISREGARD
Reference	197	216	Miscellaneous Information	<REFERENCE>	20	N	1	

OEM_Code	217	236	OEM Pricing Code	<OEM_CODE>	20	N	1	
Quote_No	237	256	Quote Number	<QUOTE_NO>	20	N	1	
Price_Code (Filler)	257	276	Future Use	<PRICE_CODE>	20	N	1	SUPPLIER DISREGARD
Coded_Item	277	277	Blank=This is a Motion Coded item	<CODE_ITEM>	1	Y	1	Blank=Motion Coded Item
Price_Quote_Req (Filler)	278	278	Future Use	<OFFLINE_POR>	1	N	1	SUPPLIERS DISREGARD
Price_Country	279	279	1=US Dollars 2=CAD Dollars 3=Mexican Peso	<PRICE_COUNTRY >	1	Y	1	1=US Dollars, 2=Canadian Dollars, 3=Mexican Peso

Item Availability – (ITEM_REPLY)

Motion Internal Use Only			Supplier Information					
Field Name	**Start**	**End**	**Description**	**XML TAG NAME**	**Field Length**	**REQ**	**Max Occurs**	**Comments**
TRTYPE	1	1	transaction type	<ITEM_REPLY>	1	Y	1	Transaction identifying tag
Transaction ID			System generated number	<TRAN_ID>	26	Y	1	Must be sent in the reply and must match the send
STATUSCODE	2	2	Status code for Transaction:	<REPLY_CODE>	1	Y	1	0=No Errors, 1=Errors
UNIT_PRICE	3	13	Price must be > 0	<UNIT_PRICE>	11	Y	1	Branch Unit Price
				<SUP_LOCS>			1	Supplier Locations - Header Parameter
				<SUP_LOC>			10	Supplier Locations - Detail
SUPPLIER_LOCATION1	14	38	6-digit Motion Supplier Location	<SUP_LOC_ID>	25	Y	10	6-digit Supplier Location Number. Codes will be defined by Motion
COUNTRY_CODE1	39	41	Country of Supplier Location:	<COUNTRY_ID>	3	Y	10	USA, CAN, MEX
QTY_AVAILABLE	42	50	Available Qty	<QTY_AVL>	9	Y	10	Qty Available Must be >= Zero Please check formatting rules
UOM	463	465	Unit of Measure	<ITEM_UOM>	3	N	10	Unit of Measure
MESSAGE	384	462	Message/Error from Supplier	<MESSAGE>	79	N	1	Error/Warning Message
QUOTE_NO	493	512	Quote Reference, if Any	<QUOTE_NO>	20	N	1	Must be loaded prior to transaction in Motion’s system
REFERENCE	513	532	Miscellaneous Reference Info	<REFERENCE>	20	N	1	Miscellaneous Reference Information
Price_Country	533	533	Price Country	<PRICE_COUNTRY>	1	Y	1	1=US $,2=Can $, 3=Peso
QTY Break Header				<QTY_BREAKS>		N	1	Only necessary if price breaks available

QTY Break Detail				<QTY_BREAK>		N	10	Only necessary if price breaks available
Min_Qty_Break	543	551	Min Quantity Break Level 2	<MIN_QTY>	9	N	10	Only necessary if price breaks available
Price_Break	624	634	Unit Price for Break	<UNIT_PRICE_BREAK>	11	N	10	Only necessary if price breaks available
Max_Qty_Break	734	742	Max Quantity Break Level 1	<MAX_QTY>	9	N	10	Only necessary if price breaks available

Sample XML ITEM_SEND transaction

```
<ITEM_SEND xml:lang="en-US">
   <TRAN_ID>1368552587439</TRAN_ID>
   <MILOC>AL02</MILOC>
   <UPC_NO>697950055022</UPC_NO>
   <ITEM_NO>12345678</ITEM_NO>
   <VENDOR_PART>697950055022</VENDOR_PART>
   <MINO>00111G86985</MINO>
   <QTY_DESIRED>000000000</QTY_DESIRED>
   <STOCK_UOM>EA</STOCK_UOM>
   <REFERENCE/>
   <OEM_CODE/>
   <QUOTE_NO/>
   <PRICE_CODE/>
   <CODE_ITEM/>
   <OFFLINE_POR/>
   <PRICE_COUNTRY>1</PRICE_COUNTRY>
</ITEM_SEND>
```

Sample XML ITEM_REPLY transaction

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<ITEM_REPLY>
<TRAN_ID>1368552587439</TRAN_ID>
<REPLY_CODE>0</REPLY_CODE>
<UNIT_PRICE>101.7</UNIT_PRICE>
<SUP_LOCS number=”2”>
  <SUP_LOC>
        <SUP_LOC_ID>987654</SUP_LOC_ID>
        <COUNTRY_ID>USA</COUNTRY_ID>
        <QTY_AVL>5</QTY_AVL>
        <ITEM_UOM>EA</ITEM_UOM>
  </SUP_LOC>
  <SUP_LOC>
```

```
        <SUP_LOC_ID>456789</SUP_LOC_ID>
        <COUNTRY_ID>USA</COUNTRY_ID>
        <QTY_AVL>54</QTY_AVL>
        <ITEM_UOM>EA</ITEM_UOM>
  </SUP_LOC>
</SUP_LOCS>
<MESSAGE>Line 2 is invalid</MESSAGE>
<QUOTE_NO/>
<REFERENCE/>
<PRICE_COUNTRY>1</PRICE_COUNTRY>
<QTY_BREAKS>
  <QTY_BREAK>
        <MIN_QTY>1</MIN_QTY>
        <UNIT_PRICE_BREAK>101.7</UNIT_PRICE_BREAK>
        <MAX_QTY>100</MAX_QTY>
  </QTY_BREAK>
  <QTY_BREAK>
        <MIN_QTY>101</MIN_QTY>
        <UNIT_PRICE_BREAK>93.7</UNIT_PRICE_BREAK>
        <MAX_QTY>9999</MAX_QTY>
  </QTY_BREAK>
</QTY_BREAKS>
</ITEM_REPLY>
```


Order Submit Transaction

The Order Submit transaction submits a Purchase Order to the Supplier system, which the Supplier validates OR if **any** errors occur, rejects the entire order. **The Supplier must verify each purchase order sent is not a duplicate regardless of method transmitted (Supplier Connect, EDI, fax or phone).** The Motion branch may resend a rejected order. Once an order is accepted by the supplier, any changes to the purchase order made by the supplier must be communicated to the branch as soon as possible.

Note to Supplier: Please, pay close attention to the carrier code, handle any NEXT DAY or AIR carriers accordingly, and notify the branch if the carrier is not as originally specified.

ORDER SUBMIT (PO_ORDER_SEND)								
Motion Internal Use Only			Supplier Information					
Field Name	Start	End	Description	XML TAG NAME	REQ	Field Length	Max Occurs	Comments
TRTYPE	1	1	transaction type	<PO_ORDER_SEND>	Y	1	1	Transaction identifying tag
Transaction ID			System generated number	<TRAN_ID>	Y	26	1	Must be sent in the reply and must match the send